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1.636 urllib3 1.26.6-1.ph1
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1.637 pam 1.3.1-5ubuntu4.3
1.637.1 Available under license
1.638 libxml 2.9.10+dfsg-5ubuntu0.20.04.2
1.638.1 Available under license
1.639 libcap-ng 0.7.9-2.1build1
1.639.1 Available under license
1.640 mime-support 3.64ubuntu1
1.640.1 Available under license
1.641 iputils 20190709-3
1.641.1 Available under license
1.642 sqlite 3.31.1-4ubuntu0.2
1.642.1 Available under license
1.643 pinentry 1.1.0-3build1
1.643.1 Available under license
1.644 base-passwd 3.5.47
1.644.1 Available under license
1.645 gnupg 2.2.19-3ubuntu2.1
1.645.1 Available under license
1.646 libffi 3.0.13-19.el7
1.646.1 Available under license
1.647 libassuan 2.5.3-7ubuntu2
1.647.1 Available under license
1.648 base-files 11ubuntu5.5
1.648.1 Available under license

1.649 bzip2 1.0.8-2
1.649.1 Available under license
1.650 gmp 6.2.0+dfsg-4
1.650.1 Available under license
1.651 gzip 1.10-0ubuntu4
1.651.1 Available under license
1.652 gzip 1.10-0ubuntu4.1
1.652.1 Available under license
1.653 libx11 1.6.9-2ubuntu1.2
1.653.1 Available under license
1.654 grep 3.4-1
1.654.1 Available under license
1.655 binutils 2.34-6ubuntu1.3
1.655.1 Available under license
1.656 libnettle6 3.5.1+really3.5.1-2ubuntu0.2
1.656.1 Available under license
1.657 python3.8 3.8.10-0ubuntu1~20.04.4
1.657.1 Available under license

1.1 libjpeg 6b

1.1.1 Notifications :

This software is based in part on the work of the Independent JPEG Group.

1.1.2 Available under license :

The Independent JPEG Group's JPEG software
==========

README for release 6b of 27-Mar-1998
==========

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION
ROADMAP
==========

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.
Programmer and internal
documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.doc Overview of the JPEG library's internal structure.
filelist.doc Road map of IJG files.
coderules.doc Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information
can also be found in the JPEG FAQ (Frequently Asked Questions) article. See
ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or
more of the REFERENCES, then looking at the documentation files (in roughly
the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image compression and

decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images.
JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpgcom" and "wrjpgcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

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==========

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must acknowledge somewhere in your documentation that
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that you must include source code if you redistribute it. (See the file
ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part
of any program generated from the IJG code, this does not limit you more than
the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf.
It is copyright by the Free Software Foundation but is freely distributable.
The same holds for its supporting scripts (config.guess, config.sub,
ltconfig, ltmain.sh). Another support script, install-sh, is copyright
by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by
patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic
coding cannot
legally be used without obtaining one or more licenses. For this reason,
support for arithmetic coding has been removed from the free JPEG software.
(Since arithmetic coding provides only a marginal gain over the unpatented
Huffman mode, it is unlikely that very many implementations will support it.)
So far as we are aware, there are no patent restrictions on the remaining
code.

The IJG distribution formerly included code to read and write GIF files.
To avoid entanglement with the Unisys LZW patent, GIF reading support has
been removed altogether, and the GIF writer has been simplified to produce
"uncompressed GIFs". This technique does not use the LZW algorithm; the
resulting GIF files are larger than usual, but are readable by all standard
GIF decoders.

We are required to state that
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CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."

REFERENCES
==========

We

highly recommend reading one or more of these references before trying to understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don't have the CACM issue handy, a PostScript file containing a revised version of Wallace's article is available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published by Van Nostrand Reinhold, 1993, ISBN 0-442-01272-1. Price US$59.95, 638 pp. The book includes the complete text of the ISO JPEG standards (DIS 10918-1 and draft DIS 10918-2). This is by far the most complete exposition of JPEG in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a paper copy through ISO or ITU. (Unless you feel a need to own a certified official copy, we recommend buying the Pennebaker and Mitchell book instead; it's much cheaper and includes a great deal of useful explanatory material.) In the USA, copies of the standard may be ordered from ANSI Sales at (212) 642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI doesn't take credit card orders, but Global does.) It's not cheap: as of 1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7% shipping/handling. The standard is divided into two parts, Part 1 being the actual specification, while Part 2 covers compliance testing methods. Part 1 is titled "Digital Compression and Coding of Continuous-tone Still Images, Part 1: Requirements and guidelines" and has document numbers ISO/IEC IS 10918-1, ITU-T T.81. Part 2 is titled "Digital Compression and Coding of Continuous-tone Still

Images, Part 2: Compliance testing" and has document
numbers ISO/IEC IS 10918-2, ITU-T T.83.

Some extensions to the original JPEG standard are defined in JPEG Part 3,
a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG
currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file
format. For the omitted details we follow the "JFIF" conventions, revision
1.02. A copy of the JFIF spec is available from:
Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314
A PostScript version of this document is available by FTP at
ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text
version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing
the figures.

The TIFF 6.0 file format specification can be obtained by FTP from
ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation
scheme
found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems.
IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6).
Instead, we recommend the JPEG design proposed by TIFF Technical Note #2
(Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or
from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision
of the TIFF spec will replace the 6.0 JPEG design with the Note's design.
Although IJG's own code does not support TIFF/JPEG, the free libtiff library
uses our library to implement TIFF/JPEG per the Note. libtiff is available
from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS
==========

The "official" archive site for this software is ftp.uu.net (Internet
address 192.48.96.9). The most recent released version can always be found
there in directory graphics/jpeg. This particular version will be archived
as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't
have
direct Internet access, UUNET's archives are also available via UUCP; contact
help@uunet.uu.net for information on retrieving files that way.

Numerous Internet sites maintain copies of the UUNET files. However, only
ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from
the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or
on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12
"JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net
release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of
general information about JPEG. It is updated constantly and therefore is
not included in this distribution. The FAQ is posted every two weeks to
Usenet newsgroups comp.graphics.misc, news.answers, and other groups.
It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/
and other news.answers
archive sites, including the official news.answers
archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/.
If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu
with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE
==========

Numerous viewing and image manipulation programs now support JPEG. (Quite a
few of them use this library to do so.) The JPEG FAQ described above lists
some of the more popular free and shareware viewers, and tells where to
obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free
PBMPLUS software, which provides many useful operations on PPM-format image
files. In particular, it can convert PPM images to and from a wide range of
other formats, thus making cjpeg/djpeg considerably more useful. The latest
version is distributed by the NetPBM group, and is available from numerous
sites,
notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.
Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is;
you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford,
is available from ftp://havefun.stanford.edu/pub/jpeg/. This program
is designed for research and experimentation rather than production use;
it is slower, harder to use, and less portable than the IJG code, but it
is easier to read and modify. Also, the PVRG code supports lossless JPEG,
which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS
==========

Some JPEG programs produce files that are not compatible with our library.
The root of the problem is that the ISO JPEG committee failed to specify a
concrete file format. Some vendors "filled in the blanks" on their own,
creating proprietary formats that no one else could read.
(For example, none
of the early commercial JPEG implementations for the Macintosh were able to
exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format
has been agreed to by a number of major commercial JPEG vendors, and it has
become the de facto standard. JFIF is a minimal or "low end" representation.
We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF
Technical Note #2) for "high end" applications that need to record a lot of
additional data about an image. TIFF/JPEG is fairly new and not yet widely
supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF.
SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should
be able to read the most common variant of SPIFF. SPIFF has some technical
advantages over JFIF, but its major claim to fame is simply that it is an
official standard rather than an informal one. At this point it is unclear
whether
SPIFF will supersede JFIF or whether JFIF will remain the de-facto
standard. IJG intends to support SPIFF once the standard is frozen, but we
have not decided whether it should become our default output format or not.
(In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist.
We have little or no sympathy for the existence of these formats. Indeed,
one of the original reasons for developing this free software was to help
force convergence on common, open format standards for JPEG files. Don't
use a proprietary file format!

TO DO
=====

The major thrust for v7 will probably be improvement of visual quality.
The current method for scaling the quantization tables is known not to be
very good at low Q values. We also intend to investigate block boundary
smoothing, "poor man's variable quantization", and other means of improving
quality-vs-file-size performance without
sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG
Part 3 extensions --- principally, variable quantization and the SPIFF file
format.

As always, speeding things up is of great interest.

Please send bug reports, offers of help, etc. to jpeg-info@uunet.uu.net.

1.2 javax-inject 1

1.2.1 Available under license :

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Version 2.0, January 2004

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1.3 junit 4.10

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1.8 thrift 0.9.2

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

lib/csharp/src/Transport/TServerSocket.cs
lib/csharp/src/Transport/TServerTransport.cs
lib/csharp/src/Transport/TSocket.cs
lib/csharp/src/Transport/TStreamTransport.cs
lib/csharp/src/Transport/TTransport.cs
lib/csharp/src/Transport/TTransportException.cs
lib/csharp/src/Transport/TTransportFactory.cs
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj
lib/rb/lib/thrift.rb
lib/st/README
lib/st/thrift.st
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* /jzlib-1-1-3-sources-zip/com/jcraft/jzlib/Inflater.java
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* /jzlib-1-1-3-sources-zip/com/jcraft/jzlib/ZStreamException.java
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Voxeo Labs - sponsorship of the initial development of APIs for DTLS 1.0 (RFC 4347), DTLS-SRTP key
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People

Tito Pena <Fortunato.Pena@AdNovum.CH> - initial RC5 implementation
Michael Lee <yfl@mira.net> - initial RC6 implementation, MD2 implementation
Nuno Santos <nsantos@student.dei.uc.pt> - finding toString bug in certificate object.
Brett Sealey <bretts@mortbay.com> - fixing the missing return problem in JDKKeyFactory (affected
SSLeay private keys).
Victor A. Salaman <salaman@teknos.com> - fixing the bug in Cipher.java which caused it to ignore
specified providers, fixing the bug in RSAKeyGenerator which caused keys to be occasionally produced 1 bit too
small.
Eran Librach <eranl@valicert.com> - spotting and fixing the classLoader bug that occurs if javax.crypto
and the provider aren't sharing the same classpath (occurs in JDK 1.3
and greater).
Jonathan Knudsen <jonathan@LearningPatterns.com> - porting
information and restrictions when using the lightweight library with the
MIDP environment.
Markus Niedermann <markus.niedermann@softwired-inc.com> - porting
information and restrictions when using the lightweight library with the
MIDP environment.
Mike Benham <moxie@thoughtcrime.org> - detection and fixing of an
incorrect weak key in the DES key generation support classes. Suggestions
for simplifying DESedeParameter objects. Optimisations for the Blowfish engine
and BufferedBlockCipher class.
Soren Hilmer <hilmer@mail.tele.dk> - initial implementation of
netscape certificate request classes.
Uwe Guenther <uwe@cscc.de> - detection and fixing of 3 incorrect semi-weak keys in the DES key
generation support classes.

Markus Bradtke <mab@informatik.uni-kiel.de> - fixing of a logic
error in the JDKKeyStore class.
Waclaw
Sierek <waclaw.sierek@tpg.pl> - fix to setOddParity in
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package, further simplifications and additional classes to improve pkcs7
support, bug fixes in CertPath API.
Ly-Na Phu <lyna.phu@init-consulting.de> - assistance in the
addition of ISO 9796-1 padding.
Stefan Köpsell <sk13@mail.inf.tu-dresden.de> - making the jdk 1.1
version of the collections API available. For further details see
http://sourceforge.net/projects/jcf/
Carmen Bastiaans <cbastiaa@microbits.com.au> - fixing the improper
null pointer problem in the setting of certificates in the PKCS12 key store.
Tomas Gustavsson <tomasg@primekey.se> - initial implementation of the AuthorityInformationAccess,
SubjectKeyIdentifier, AuthorityKeyIdentifier, CRLNumber,
CRLReason, CertificatePolicies, V2TBSCertListGenerator, and X509V2CRLGenerator classes in the ASN.1
library. Additions to GeneralName class, other bug fixes in the X.509 package. Initial implementation of the
CertificationRequest classes. getRevocationReason() patch for OCSP. Patch to SemanticsInformation to prevent
ClassCastException.
Eugen Kuleshov <euxx@hotmail.com> - optimisations for Blowfish, assistance with PKCS12/keytool
interoperability.
Megan Woods <meganwoods@sekurafile.com> - initial implementation of
ECIES.
Christian Geuer-Pollmann <geuerp@apache.org> -
adding IV's to the AESWrap implementations. Initial implementation of
DESedeWrap.
Michael Mühle <michael@mouling.de> - contributing the initial CertPath implementation and
compatibility classes, fixing provider bug in JDK 1.1 java.security.cert.CertificateFactory compatibilty class.
Michael Mansell <me@michaelmansell.com> - fixing the parsing
of the empty DER set in the ASN.1 library.
Eike Recker <eike.recker@gmx.de> - fixing misspelling of provider reference for RSA/1 and RSA/2.
Chris Southern <CSouthern@baltimore.com> - fixing misuse of specified provider in the PKCS10
certification request class.
Sidney Markowitz <sidney@sidney.com> - fixing null pointed exception on unknown OID in X509Name
class, initial implementation of the three AES engines.
Chris Kerr <ckerr@filonet.ca> - initial implementation of the cms,
asn1.cms, and the mail/smime packages,
assistance in simplifying the ASN.1 package, miscellaneous other optimisations,
NIST CertPath certification test, PKIXPolicyNode class, CertPath subtree validation and policy tree construction.
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Mike Bean <mbean@lucentradius.com> - fixing the fall
through bug
in the IV algorithm parameters class.
Martin Petraschek <e9526225@student.tuwien.ac.at> - fixing ASN1

tagging so tag values up to 30 are now supported.
Jess Garms <jgarms@yahoo.com> - fixing 112/168 key size bug for
DESede key generation.
Mike Bremford <mike@big.faceless.org> - contributing the inital PKCS7 implementation.
Shankar Srinivasan <ssr002@yahoo.com> - S/Mime interoperability testing and debugging.
Stef Hoeben <ilsestef@skynet.be> - adding Montgomery multiplication to the BigInteger class.
Klaudiusz Ciosk <kciosk@max.com.pl> - improving the compatibility of
the SMIME package with the Sun JCE.
Thomas Houtekier <Thomas.Houtekier@tectrade.net> - S/Mime testing and debugging. Interoperability
with
Biztalk.
Don Hillsberry <hillsber@dialcorp.com> - S/Mime testing and debugging.
Kazuo Furuya <kfuruya@infoteria.co.jp> - fixing root
certificate chaining bug in PKCS12 key store.
Jason Novotny <jdnovotny@lbl.gov> - initial work on the openSSL PEM processing.
Joel Hockey <joel.hockey@qsipayments.com> - initial work on the openSSL PEM processing.
John Steenbruggen <JohnS@geotrust.com> - fixing CertificationRequestInfo to handle cert request info
objects without attribute blocks.
Justin Chapweske <justin@chapweske.com> - ordering patch for Tiger message digest.
John Serock <jserock@hotmail.com> - fixing null pointer exception
in constructor for ExtendedKeyUsage. Fixing of base OID bug in KeyPurposeId.
Compliance of KeyUsage extension return value with security API.
Sascha Weinreuter <Sascha.Weinreuter@cit.de> - fixed SMIME saveChanges() bug.
Andre Wehnert <aw5@mail.inf.tu-dresden.de> - fixing key schedule problem in RC5-64, fixing buffer
cleaning issue in buffered block cipher.
Luigi Lo Iacono <lo_iacono@nue.et-inf.uni-siegen.de>
- adding SIC
mode to the blockciphers in the provider.
Tim Sakach <tsakach@certivo.net> - SMIME v2 compatibility patches.
Marcus Povey <mpovey@brookes.ac.uk> - adding the PGP mode to the lightweight API and the
provider.
Sebastian Clauß <sc2@inf.tu-dresden.de> - adding randomness setting
to the certificate and CRL generators.
Nicolas Bielza <nicolas.bielza@alligacom.com> - isolating the tagging bug in the ASN.1 library that was
misrepresenting some ASN.1 constructed data types. Contributions to the streaming S/MIME classes.
Casey Marshall <rsdio@metastatic.org> - fixing the clone problem with Macs in the clean room JCE.
Rick Zeldes <rick.zeldes@eds.com> - initial code for CMS/SMIME CompressedData.
Jarek Gawor <gawor@mcs.anl.gov> - fixing ASN.1 sequence unpacking in BasicConstraints
constructor.
Brett Neumeier <random@rnd.cx> - patch
to OriginatorIdentifierOrKey object, improvements to encoders package, introduction of UrlBase64.
Graham Coles <graham.coles@retail-logic.com> - patch to isParityAdjusted in DESKeySpec.
Jörn von Kattchée <J.Kattchee@seeburger.de> - patch to SMIMEGenerator for preventing
class cast exceptions with BodyParts containing Multipart objects.
Matteo Artuso <matartuso@libero.it> - picking up the possible overead in ASN1InputStream.
Julian Morrison <julian@extropy.demon.co.uk> - spotting the slow down
in Diffie-Hellman key generation.
Elmar Sonnenschein <eso@esomail.de> - fix to long conversion in clean room

SecureRandom.
Jörn Schwarze <JSchwarze@ulc.de> - Locale fix for the clean room JCE.
Bryan Lovquist <bkl@cps.com.au> - Other provider compatibility fixes for CMS signing.
Artem Portnoy <Artem_Portnoy@ibi.com> - generalisations for CMSProcessableBodyPart in S/MIME. Header fix for mime messages.
Michael Häusler <haeusler&#064ponton-consulting.de> - missing OID update for SHA1 with RSA Signature.
Johan Seland <johans&#064netfonds.no> - general toString for BigInteger class.
Johannes Nicolai <johannes.nicolai&#064novosec.com> - further enhancements to OCSP response generation, fix to CertificateID issuer.
Marc Doberva <marc.doberva&#064ilex-si.com> - help in isolating the JSSE/BC RSA key issue.
Jan Dvorak <jan.dvorak&#064mathan.cz> - initial implementation of the light weight Null block cipher.
Joe Cohen <jcohen&#064forumsys.com> - converting the ArrayOutOfBoundsException in DERInputStream into what it should have been.
Chris Long<aclong&#064ece.cmu.edu> - adding public key decoding to PEMReader.
Hes Siemelink<hes&#064izecom.com> - findIssuer fix for CertPathBuilder, toMimeMessage converter for Mail API, getSize() fix for zero length messages in SMIMEMessage.
Stefan Puiu<stefanpuiuro&#064yahoo.com> - initial implementation V3 policy mapping, policy qualifier objects in ASN.1 X.509 package.
Kaiser Yang <kaiseryang@yahoo.com> - Finding BigInteger loop problem in prime generation.
Jiri Urbanec <jiri.urbanec&#064logicacmg.com> - patch to fix defect in DERBMPString.equals().
Justin Kolb <jkolb&#064pristx.com> - patch to DSA signature generation in OpenPGP. Fix for the unexpected "Unexpected end of ZLIB input stream" exception.
Ralf Hauser <ralfhauser&#064gmx.ch> - patch to exception handling in PublicKeyRing, PEMReader, 1.4 build script, X509 Certificate Factory, CertPathValidatorUtilities, fromAddress null check in SignedMailValidator.
Michal Dvorak <M_Dvorak&#064kb.cz> - getNextUpdate patch for OCSP SingleResp.
Klaus Greve Fiorentini <Klaus&#064cpqd.com.br> - array fix in PGP PublickKeyEncSessionPacket.
Olivier Refalo <Olivier_Refalo&#064fpl.com> - null pointer exception fix for JDK 1.3 CMSSignedData objects.
Mariusz Bandola <mariusz.bandola&#064cryptotech.com.pl> - patch to DERGeneralizedTime. Compliance patch for OCSP TBSRequest class. Patch to X509Name for delaing with general objects in sequences.
Brien Oberstein <brien.oberstein&#064transacttools.net> - patch to S2K algorithm in OpenPGP, initial PGP version 3 secret key support, initial PGP version 3 signature generation, RIPEMD160 addition to PGPUtil.
Ian Haywood <ian&#064haywood.bpa.nu> - addition of getSignatureType to PGPSignature.
Jonathan Edwards <s34gull&#064mac.com> - initial support for reading multiple rings from a PGP key file.
Andrew Thornton <andrew&#064caret.cam.ac.uk> - patch for RSA PUBLIC KEY in PEMReader.
Gregor Leander <gl&#064bos-bremen.de> - initial parsing of multiple sequence entries in an X.500 Name.
Antoon Bosselaers <Antoon.Bosselaers&#064esat.kuleuven.ac.be> - help with RipeMD320 implementation.
Peter Sylvester <Peter.Sylvester&#064edelweb.fr> - improvements to the ASN.1 BasicConstraints object.
Doug <ummmmm&#064myrealbox.com> - addition of isEncryptionKey method to OpenPGP public keys.
Francois Staes <fstaes&#064netconsult.be> - improvements to DEBitString, DERGeneralizedTime and initial implimentation of DERGeneralString, addition of settable signed content info to CMSSignedDataGenerator, patch to DH key agreement.
W.R. Dittmer <wdittmer&#064cs.vu.nl> - patch to decoding of SignatureCreationTime in BCPG. Patch to

PGPKeyPair to fix nullpointer exception.
Perez Paz Luis Alberto <laperez&#064banxico.org.mx> - patch to use of BitString in X.500 name.
James Wright <James_Wright&#064harte-hanks.com> - patches for dealing with "odd" ArmoredInputStreams.
Jim Ford <jim&#064muirford.com> - patch to PGPSecretKey to avoid null pointer exception on encoding secret keys, comments on KeyExpirationTime, getBitStrength
for ElGamal keys. Signature creation time patch for newly created v4 signatures.
Michael Hausler <haeusler&#064ponton-consulting.de> - extra aliases for provider.
Sai Pullabhotla <psai&#064linoma.com> - fix to PGP compressed data generator to improve compression levels. Performance improvements for KeyBasedLargeFileProcessor.
Joseph Miller <joseph&#064digiweb.net.nz> - addition of ZeroBytePadding.
Lars <xyz&#064sagemdenmark.dk> - patch to explicit padded mode for CBC block cipher MAC.
Jeroen van Vianen <jeroen&#064vanvianen.nl> - the Signed and Encrypted mail example.
Jun Sun <JSun&#064diversinet.com> - patch to SecureRandom to work around problem in wtk 1.0.4 and wtk 2.1.
Petr Dukem <pdukem&#064email.cz> - patch to CMSSignedDataGenerator to allow it to work with PKCS11 providers.
Filipe Silva <filipe.silva&#064wedoconsulting.com> - patch to fix overead issue in BCPGInputStream.
Alpesh Parmar
<alps&#064linuxmail.org> - patch for class cast problem in PGPPublicKey.getSignatures().
Jay Gengelbach <jgengelbach&#064webmethods.com> - patch to fix isSigningKey in PGPSecretKey class, patch to hashedPackets in PGP signatureGenerator, initial cut for indefinite length output.
Doug <doug&#064tigerprivacy.com> - public key ring patches for ElGamal Signatures, problem key ring data.
Matthew Mundy <mmundy1&#064umbc.edu> - infinite loop prevention patch to PKCS5S2ParametersGenerator.
Tom Cargill <cargill&#064profcon.com> - spelling patch in provider.
Breitenstrom Christian <C.Breitenstrom&#064t-systems.com> - compatibility patch to SignaturePacket, DetachedSignatureProcessor.
Zanotti Mirko <zanotti&#064cad.it> - patch to ordered equality test for X509Name.
Nicola Scendoni <nscendoni&#064babelps.it> - patch to add sorting to CertPath validation.
Ville Skyttä <ville.skytta&#064iki.fi> - patch to CRLDistPoint
for cRLIssuer field. KeyStore compliance on add patches. DiffieHellman patch for provider compliance. Support for PEM object "TRUSTED CERTIFICATE". Exception handling patch in PEMReader. JavaDoc clean up.
Bruce Gordon <bruce.gordon&#064savvis.net> - patch to secret key creation encoding NullPointerException in OpenPGP, speed up for BCPGInputStream.
Miles Whiteley <Miles.Whiteley&#064savvis.net> - "223" fix for BCPGInputStream new packets.
Albert Moliner <amoliner&#064evintia.com> - initial TSP implementation.
Carlos Lozano <carlos&#064evintia.com> - initial TSP implementation, patch to SignerInformation for supporting repeated signers, initial updates for supporting repeated attributes in CMS.
Javier Delgadillo <javi&#064javi.codewarp.org> - initial Mozilla PublicKeyAndChallenge classes.
Joni Hahkala <joni.hahkala&#064cern.ch> - initial implementations of VOMS Attribute Certificate Validation, IetfAttrSyntax, and ObjectDigestInfo.
We also wish to thank the EGEE project for making the work available.
Rolf Schillinger<rolf&#064sir-wum.de> - initial implementation of Attribute Certificate generation.
Sergey Bahtin <Sergey_Bahtin&#064yahoo.com> - fix for recovering certificate aliases in BKS and UBER key stores. Initial implementations of GOST-28147, GOST-3410, EC GOST-3410, GOST OFB mode (GOFB) and

GOST-3411.
Franck Leroy <Franck.Leroy&#064keynectis.com> - ANS.1 set sorting. Contributions to TSP implementation. Test vectors for Bleichenbacher's forgery attack.
Atsuhiko Yamanaka <ymnk&#064jcraft.com> - patch for improving use of Montgomery numbers in BigInteger library. Patch to use size of private exponent in DH parameters.
Nickolay Bolshackov <tyrex&#064reksoft.ru> - patch for class cast exception in AuthorityInformationAccess class.
Soren Hilmer <soren.hilmer&#064tietoenator.com> - patches for CertID with
issuerSerial set in TSP implementation, additional compliance testing.
Steve Mitchell <mitchell&#064intertrust.com> - patch for stateful path validator fix. Patch to allow BigInteger class to create negative numbers from byte arrays. Additions to allow different providers to be used for asymmetric/symmetric encryption in OpenPGP.
Optimisation to avoid redundant verification in path validator. Suggestion to use PKIXParameters.getSigProvider() correctly.
Dirk Eisner <D.Eisner&#064seeburger.de> - initial implementation of ISO 78164-4 padding.
Julien Pasquier <julienpasquier&#064free.fr> - initial implementation of attribute classes from RFC 3126. Fix to KEKIdentifier, OtherKeyAttribute parsing. Initial ContentHints class.
Matteo <matartuso&#064libero.it> - sequence patch to ASN1Dump.
Andrew Paterson <andrew.paterson&#064burnsecs.com> - patches to PGP tools, isRevoked method on PGPPublicKey.
Vladimir Molotkov <vladimir.n.molotkov&#064intel.com>
- extensive provider exception handling compliance testing.
Florin Kollan <adlocflo&#064web.de> - fix to ElGamalKeyParameters equality testing.
Pavel Vassiliev <paulvas&#064gmail.com> - Initial GOST28147Mac implementation.
Tom Pesman <tom&#064tnux.net> - addition of DES-EDE encryption for RSAPrivate keys to PEMWriter.
Lukasz Kowalczyk <lukasz.b.kowalczyk&#064gmail.com> - patch to fix parsing issue with OpenSSL PEM based certificate requests.
Arndt Hasch <Arndt.Hasch&#064maxence.de> - additional fix for partial reading with new style PGP packets.
Fix Bernd (KCDP 11) <bernd.fix&#064credit-suisse.com> - fix for 31 byte issue and exception throwing by Whirlpool.
David M. Lee <dmlee&#064Crossroads.com> - code for add and remove secret key in the PGPSecretKeyRing class. Additions to S/MIME and CMS unit tests.
Mike Dillon <md5&#064embody.org> - additional checks for PGP secret and public key construction,
patches to copyWithNewPassword.
tu-vi cung <t2cung&#064hotmail.com> - patch for out of bounds problem in getDecoderStream method.
Chris Schultz <cschultz&#064gmail.com> - fix for InputStream constructor for X509V2AttributeCertificate.
David M. Lee <dmlee&#064Crossroads.com> - implementation assistance with streaming CMS classes.
Joel Rees <rees&#064ddcom.co.jp> - fix to correct getOID methods from returning same set on X.509 attribute certificates.
Francesc Sau <francesc.sau&#064partners.netfocus.es> - micro fix for tsp Accuracy class.
Larry Bugbee <bugbee&#064mac.com> - initial ECNR implementation.
Remi Blancher <Remi.Blancher&#064keynectis.com> - Contributions to TSP implementation. Initial implementation of RFC 3739 and ICAO ASN.1 classes.
Brian O'Rourke <brianorourke&#064gmail.com> - patch for signature creation time override in OpenPGP.
Andreas Schwier <andreas.schwier&#064cardcontact.de>

- initial implementation of ISO9797 MAC Algorithm 3, addition of DES-EDE 64 MAC to the provider, fix to EC point encoding, addition of EC and RSA-PSS OIDs to CMS, addition of AES-CMAC and DESede-CMAC to JCE provider.
David Josse <david.josse&#064transacttools.net> - Patch for trailer function in version 2 signature packets.
Kishimoto Kazuhiko <kazu-k&#064hi-ho.ne.jp> - RFC 3280 updates to policy processing in the CertPath validator. Additional test data not covered by NIST.
Lawrence Tan <lwrnctan&#064gmail.com&gt - Large field OID sample test data. Missing key types in JDKKeyFactory.
Carlos Valiente <superdupont&#064gmail.com> - Addition of CRL writing to the PEMWriter class.
Keyon AG, Martin Christinat, http://www.keyon.ch - fixing incorrect ASN.1 encoding of field elements in X9FieldElement class.
Olaf Keller, <olaf.keller.bc&#064bluewin.ch> - initial implementation of the elliptic curves
over binary fields F2m. Additional tests and modifications to elliptic curve support for both F2m and Fp. Performance improvements to F2m multiplication. Initial implementation of WNAF/WTNAF point multiplication. Improvement to k value generation in ECDSA.
Jörg Eichhorn <eichhorn&#064ponton-consulting.de> - patch to fix EOF read on SharedFileInputStream, support for F2m compression.
Karsten Ohme <widerstand&#064t-online.de> - initial check against for out of range data on non byte aligned RSA keys. Addition of equals/hashCode on ECCurve.Fp. Additional curve type support for Fp, contributions to F2m compression. F2m decoding for ECPointUtil. Infinity fix and prime192v2 fix for Fp. Extra validation for RSA key creation. Fix to name typos for some OpenSSL key generators. RFC-1779 table, improved RFC 2253 compliance for X509Name. Additional constructor validation for X.509/ESS ASN.1 classes. Validation for Printable, IA5, and Numeric Strings.
Support for surrogate
pairs in DERUTF8String, DER UTF8 test. Additional X.509 name attributes for ISIS-MTT, RFC 3039, addition of indirect CRL support, initial X509 LDAP CertStore implementation, CertificatePair class, and X509CertificatePair class. Contributions to X509Store/Parser infrastructure and design.
CertPath support for implicit DSA parameters and a range of NameConstraints. Addition of support for V1 attribute certificates and attribute certificate path validation. Initial classes for ASN.1 ISIS-MTT support. Enhancements for improving compliance with the NIST CertPath tests.
Carlos Lozano Ruiz <carlos&#064tradise.com> - patch for <ctrl><m> only handling in CRLFOutputStream.
John Alfred Prufrock <j.a.prufrock&#064gmail.com> - mods to GOST-3411 and MD2 to support ExtendedDigest.
Stefan Neusatz Guilhen <sneusatz&#064gmail.com> - initial version of RoleSyntax, improvements to AttributeCertificateHolder and AttributeCertificateIssuer.
Marzio Lo Giudice <marzio.logiudice&#064gmail.com>
- fix to endianess in KDF2BytesGenerator, additional KDF2 tests.
Georg Lippold <georg.lippold&#064gmx.de> - initial implementation of NaccacheStern cipher.
Chris Viles <chris_viles&#064yahoo.com> - fix to SignatureSubpacket critical bit setting.
Pasi Eronen <Pasi.Eronen&#064nokia.com> - extra toString() support for ASN.1 library. Initial patch for large OID components.
Lijun Liao <lijun.liao&#064rub.de> - performance enhancements for SHA family of digests. Bug report and patch for blank line handling in ArmoredInputStream.
Maria Ivanova <maria.ivanova&#064gmail.com> - support for tags > 30 in ASN.1 parsing.
Armin Häberling <arminha&#064student.ethz.ch> - first cut of internationalisation, initial PKIX validation classes.
Marius Schilder <mschilder&#064google.com> - main set of test vectors for Bleichenbacher's forgery

attack.
Xavier Le Vourch <xavier&#064brittanysoftware.com>
- general code clean ups.
Erik Tews <e_tews&#064cdc.informatik.tu-darmstadt.de> - initial threaded random seed generator, constant-time PKCS#1.5 decoding
Thomas Dixon <reikomusha&#064gmail.com> - initial implementations of TEA/XTEA, Salsa20, ISAAC, and Noekeon. XTEA enhancements.
Frank Cornelis <info&#064frankcornelis.be>- addition of crlAccessMethod in X509ObjectIdentifiers.
Rui Joaquim <rjoaquim&#064cc.isel.ipl.pt> - initial implementation of RSA blinding for signatures.
David Stacey <DStacey&#064allantgroup.com> - addition of trust packet checking on revocation signatures in PGPSecretKeyRing.
Martijn Brinkers <list&#064mitm.nl> - better exception handling in CMS enveloping, "just in time" modifications for CRL and Sequence evaluation.
Julius Davies <juliusdavies&#064gmail.com> - additional modes and algorithm support in PEMReader
Matthias <g&#064rtner.de> - GnuPG compatibility changes for PBEFileProcessor.
Olga
Käthler <olga.kaethler&#064hjp-consulting.com> - initial implementation of TeleTrusT EC curves, additional ISO 9797 MACs, contributions to EAC OIDs, addition of EAC algorithms to CMS Signing.
Germano Rizzo <germano.rizzo&#064gmail.com> - initial implementation of CMac, EAX, HC-128, and HC-256, optimisations for Salsa20.
Núria Marí <numaa&#064hotmail.com> - patch for alternate data type recoginition in CMSSignedDataParser.
Janis Schuller <js&#064tzi.de> - addition of NotationData packets for OpenPGP.
Michael Samblanet <mike&#064samblanet.com> - patches towards improved Sun/default provider support in CMS.
Mike StJohns <mstjohns&#064comcast.net> - patches for supporting empty subject in X.509 certificate generation, noneWithECDSA.
Ramon Keller <ramon.keller&#064gmx.ch> - patch to deal with null revocations return from other CRL in X509V2CRLGenerator.
Mark Nelson <mark&#064nbr.com>
- correction to excluded DN in name constraints processing for PKIX processing.
Eugene Golushkov <eugene_gff&#064ukr.net> - mask fix to single byte read in TlsInputStream.
Julien Pasquier <julienpasquier&#064free.fr> - additional classes for supporting signature policy and signer certificates in the ASN.1 esf and ess libraries.
Peter Knopp <pknopp&#064mtg.de> - fix for named curve recognition in ECGOST key generation.
Jakub Gwozdz <gwozdziu&#064rpg.pl> - addition of getTsa() to TimeStampTokenInfo.
Bartosz Malkowski <bmalkow&#064tigase.org> - initial implementation of VMPC cipher, VMPCRandomGenerator, VMPCMac.
Tal Yacobi <tal.yacobi&#064octavian-tech.com> - fix for issue in OpenPGP examples [#BJA-55].
Massimiliano Ziccardi <massimiliano.ziccardi&#064gmail.comt> - support for counter signature reading in CMS API, update for multiple counter signature attributes.
Andrey Pavlenko <andrey.a.pavlenko&#064gmail.com>
- security manager patch for PKCS1Encoding property check.
Mike StJohns <mstjohns&#064comcast.net> - updates to KeyPurposeId
J Ross Nicoll <jrn&#064jrn.me.uk> - improved exception handling for getInstance() in ASN.1 library.
Matthew Stevenson <mavricknz&#064yahoo.com> - patch to construtor for CRMF CertSequence.
Gabriele Contini <gcontini&#064hotpop.com> - identified a bug in ASN.1 library with handling of unterminated NDEF's.

Roelof Naude <roelof.naude&#064epiuse.com> - patch for TLS client to send empty client certs in response to HP_CERTIFICATE_REQUEST.
Patrick Peck <peck&#064signaturen.at> - identified problem with DERApplicationSpecific and high tag numbers in ASN.1 library.
Michael LeMay <lemaymd&#064lemaymd.com> - identified problem with EAX [#BJA-93].
Alex Dupre <ale&#064FreeBSD.org> - fix to use of Signature rather than SignatureSpi in provider [#BJA-90]. Addition of null provider use to SignedPublicKeyAndChallenge
and PKCS10CertificationRequest [#BJA-102]
Michael Schoene <michael&#064sigrid-und-michael.de> - fix of improper handling of null in ExtendedPKIXParameters.setTrustedACIssuers(), check for V2 signingCertificate attribute in TimeStampResponse.validate().
Ion Larrañaga <ilarra&#064s21sec.com> fix to default partial packet generation in BCPGOutputStream.
Bob Kerns <bob.kerns&#064positscience.com> fix to hashCode for X509CertificateObject.
Stefan Meyer <stefan.meyer&#064ewe.de> backport for PKIXCertPathValidotor and SMIMESignedMailReviewer.
Robert J. Moore <Robert.J.Moore&#064allanbank.com> speedups for OpenPGPCFB mode, clean room JCE patches.
Rui Hodai <rui&#064po.ntts.co.jp> speed ups for Camellia implementation, CamelliaLightEngine.
Emir Bucalovic <emir.bucalovic&#064mail.com> initial implementation of Grain-v1 and Grain-128.
Torbjorn Svensson <tobbe79&#064gmail.com> initial implementation
of Grain-v1 and Grain-128.
Paul FitzPatrick <bouncycastle_pfitz&#064fitzpatrick.cc> error message fix to X509LDAPCertStoreSpi, comparison fix to BCStrictStyle.
Henrik Andersson <k.henrik.andersson&#064gmail.com> addition of UniqueIssuerID to certificate generation.
Cagdas Cirit <cagdascirit&#064gmail.com> subjectAlternativeName fix for x509CertStoreSelector.
Harakiri <harakiri_23&#064yahoo.com> datahandler patch for attached parts in SMIME signatures.
Pedro Henriques <pmahenriques&#064gmail.com> explicit bounds checking for DESKeyGenerator, code simplification for OAEPEncoding.
Lothar Kimmeringer <job&#064kimmeringer.de> verbose mode for ASN1Dump, support for DERExternal.
Richard Farr <rfarr.se&#064gmail.com> initial SRP-6a implementation.
Thomas Castiglione <castiglione&#064au.ibm.com> patch to encoding for CRMF OptionalValidity.
Elisabetta Romani <eromani&#064sogei.it> patch for recognising
multiple counter signatures.
Robin Lundgren <r737lundgren&#064gmail.com> CMPCertificate constructor from X509CertificateStructure fix.
Petr Kadlec <mormegil&#064centrum.cz> fix to sign extension key and IV problem in HC-128, HC-256.
Andreas Antener <antener_a&#064gmx.ch> fix to buffer reset in AsymmetricBufferedBlockCipher.
Harendra Rawat <hsrawat&#064yahoo.com> fix for BERConstructedOctetString.
Rolf Lindemann <lindemann&#064trustcenter.de> patch for PKCS12 key store to support more flexible attribute specifications [#BMA-42].
Alex Artamonov <alexart.home&#064gmail.com> name look up patch for GOST-2001 parameters.
Mike Lyons <mlyons&#064layer7tech.com> work arounds for EC JDK bug 6738532 and JSSE EC naming conventions.
Chris Cole <chris_h_cole&#064yahoo.com> identified a problem handling null passwords when loading a BKS keystore.

Tomas Krivanek <tom&#064atack.cz> added checking of Sender
header to SignedMailValidator.
Michael <emfau&#064t-online.de> correction of field error in getResponse method in CertRepMessage.
Trevor Perrin <trevor&#064cryptography.com> addition of constant time equals to avoid possible timing attacks.
Markus Kilås <markus&#064primekey.se> several enhancements to TimeStampResponseGenerator.
Dario Novakovic <darionis&#064yahoo.com> fix for NPE when checking revocation reason on CRL without extensions.
Michael Smith <msmith&#064cbnco.com> bug fixes and enhancements to the CMP and CRMF classes, initial Master List classes.
Andrea Zilio <andrea.zilio&#064gmail.com> fix for PEM password encryption of private keys.
Alex Birkett <alex&#064birkett.co.uk> added support for EC cipher suites in TLS client (RFC 4492) [#BJA-291].
Wayne Grant <waynedgrant&#064gmail.com> additional OIDs for PCKS10 and certificate generation support.
Frank Cornelis <info&#064frankcornelis.be>
additional support classes for CAdES, enhancements to OCSP classes.
Jan Dittberner <jan&#064dittberner.info> addHeader patch for SMIME generator.
Bob McGowan <boab.mcgoo&#064btinternet.com> patch to support different content and mgf digests in PSS signing.
Ivo Matheis <i.matheis&#064seeburger.de> fix to padding verification in ISO-9796-1.
Marco Sandrini <nessche&#064gmail.com> patch to add IV to ISO9797Alg3Mac.
Alf Malf <alfilmalf&#064hotmail.com> removal of unnecessary limit in CMSContentInfoParser.
Alfonso Massa <alfonso.massa&#064insiel.it> contributions to CMS time stamp classes.
Giacomo Boccardo <gboccardo&#064unimaticaspa.it> initial work on CMSTimeStampedDataParser.
Arnis Tartu <arnis&#064ut.ee> patches for dealing with OIDs with specific key sizes associated in CMS.
Janusz Sikociski <J.Sikocinski&#064gdzie.pl> addition of Features subpacket support to OpenPGP API.
Juri
Hudolejev <jhudolejev&#064gmail.com> JavaDoc fix to CMSSignedDataParser.
Liane Velten <liane.velten&#064hjp-consulting.com> fine tuning of code for DHParameters validation.
Shawn Willden <swillden&#064google.com> additional functionality to PGPKeyRing.
Atanas Krachev <akrachev&#064gmail.com> added support for revocation signatures in OpenPGP.
Mickael Laiking <mickael.laiking&#064keynectis.com> initial cut of EAC classes.
Tim Buktu <tbuktu&#064hotmail.com> Initial implementation of NTRU signing and encryption.
Bernd <rbernd&#064gmail.com> Fix for open of PGP literal data stream with UTF-8 naming.
Steing Inge Morisbak <stein.inge.morisbak&#064BEKK.no> Test code for lower case Hex data in PEM headers.
Andreas Schmid <andreas.schmid&#064tngtech.com> Additional expiry time check in PGPPublicKeys.
Phil Steitz <phil.steitz&#064gmail.com> Final patch eliminating JCE dependencies in the OpenPGP BC classes.
Ignat
Korchagin <ignat.korchagin&#064gmail.com> Initial implementation of DSTU-4145-2002, long hash fix for DSTU-4145-2002.
Petar Petrov <p.petrov&#064bers-soft.com> Testing and debugging of UTF-8 OpenPGP passwords.
Daniel Fitzpatrick <daniel.f.nwr&#064gmail.com> Initial implementation of ephemeral key support for IES, initial implementions of RSA-KEM and ECIES-KEM, initial implementation of homogeneous projective coordinates for EC.
Andy Neilson <Andy.Neilson&#064quest.com>a further patches to deal with multiple providers and

PEMReader.
Ted Shaw <xiao.xj&#064gmail.com> patch to MiscPEMGenerator for handling new PKCS10CeriticationRequests.
Eleriseth <Eleriseth&#064WPECGLtYbVi8Rl6Y7Vzl2Lvd2EUVW99v3yNV3IWROG8.fms> speed up for SIC/CTR mode. Provider compatibilty generalisations for EC operations.
Kenny Root <kenny&#064the-b.org> patch for issuerAltName, subjectAltName support in X509CertificateObject, BaseBlockCipher.getIV()
patch for AEAD.
Maarten Bodewes <maarten.bodewes&#064gmail.com> initial implementation of HKDF and NIST SP 800-108 MAC based KDF functions.
Philip Clay <pilf_b&#064gyahoo.com> Initial implementation of J-PAKE.
Brian Carlstrom <bdc&#064carlstrom.com> compliance patches for some JCA/JCE keystore and cipher classes, miscellaneous code quality improvements, intial provider PBKDF2WithHmacSHA1 SecretKeyFactory.
Samuel Lidén Borell <samuel&#064primekey.se> patch to add DSTU-4145 to DefaultSignatureAlgorithmFinder
Sergio Demian Lerner <sergiolerner&#064certimix.com> pointing out isInfinity issue in ECDSASigner signature verification.
Tim Whittington <Tim.Whittington&#064orionhealth.com> patch to remove extra init call in CMac, additional of Memoable interface for Digest classes, initial implementation of GMAC, further correctness tests for IV and reset processing in OCB, CCM, and block cipher reset. Initial implementation
of Skein, XSalsa20, ChaCha, reduced round Salsa20, Threefish, and the Poly1305 MAC. Documentation updates. Added OCB support to Noekeon and CAST6 in the provider, exception testing for CTS, optimisations for CCM, provider support for AAD cipher methods, safe CipherInput/OutputStream implementations for use with AAD and subsequent bug fixes, cleanup after IDEA patent expiry, work on JCE SipHash support, optimisations for AESFastEngine, further work on EncodableDigest for SHA-2 digests, contributions to BCrypt/OpenBSDBCrypt, PGP API documentation and code quality work.
Marcus Lundblad <marcus.lundblad&#064primekey.se> patch for working arnound JDK jarsigner TSP bug, optional setting of IssuerSerial in TimeStampTokenGenerator, additional extensions enhancement for time stamp token generation.
Andrey Zhozhin <zhozhin&#064xrm.ru> patch for override of TSP SignerInfo attributes.
Sergey Tiunov <t5555d&#064gmail.com> initial cut of DVCS classes.
Damian
Kolasa <fatfredyy&#064gmail.com> ASN1Sequence patch for class cast issue in X9Curve.
Ash Hughes <ashley.hughes&#064blueyonder.co.uk> patches for supporting PGPSecretKeyRing/PGPSecretKeys encodings with empty private keys, initial code for PGPSignatureSubpacketVector.getEmbeddedSignatures().
Daniel Hirscher <dev&#064daniel-hirscher.de> patch to support parsing of explicit EC parameters in PEM files.
Daniele Ricci <daniele.athome&#064gmail.com> initial implementation of EC keys for OpenpPGP and RFC6637 support.
Matti Aarnio <matti.aarnio&#064methics.fi> tweaks to any build to remove dependence on shell scripts. Initial SM3 digest implementation, some EC related code cleanups, JavaDoc improvements for ASN.1 classes.
Babak Najafi <bnajafi&#064akamai.com> fixes to OpenPGP NotationData to prevent truncation problems.
Eric Müller <eric.mueller&#064sage.de> additional standard algorithm name lookups in JcaPEMKeyConverter.
Mathias
Herberts <Mathias.Herberts&#064gmail.com> fix to inOff usage in RFC3394WrapEngine.
Daniil Ivanov <daniil.ivanov&#064gmail.com> addition of provider support for GOST HMAC

SecretKeyFactory.
Daniele Grasso <daniele.grasso86&#064gmail.com> contributions to final Key calculation code for SRP6.
Andrey Utkin <cindrhc&#064gmail.com> patch to reconstruction of ECGOST keys from PrivateKeyInfo objects in provider classes.
Arnis Tartu <arnis&#064ut.ee> checker for generated key vs OID in JceCMSContentEncryptorBuilder.
AxelVDB <axel-vdb&#064riseup.net> initial implementation of Shacal2.
Roberto Tyley <> further work on completing gradle build.
Waldemar Dick <wdick&#064devmue.de> code improvement in x500 ASN.1 package.
Sid Steward <sid.steward&#064pdflabs.com> code improvements to ASN1Boolean.
Alex Klyubin <klyubin&#064google.com> AlgorithmParameters check for EC key agreement.
Jonathan Gillett
<gsoc.student&#064gmail.com> Initial support for block cipher IVs in IESEngine, IES MAC length check bug fix.
Andreas Reiter <andreas.reiter&#064iaik.tugraz.at> Reported incomplete status of CertificateVerify processing in (D)TLS server, and provided fix.
Kieran Miller <kieran.miller&#064gmail.com> initial implementation for RFC 5649 key wrap with padding.
Oliver Ehli<ehli&#064arago.de> Additional support for BSI plain ECDSA in the provider.
Daniel Heldt<Daniel.Heldt&#064cryptovision.com> Initial support for encodable state message digests
Robert Bushman <bouncycastle&#064traxel.com> Clean up of DirectKeySignature example.
Maurice Aarts<aarts&#064riscure.com> updated to KDF generator to follow NIST SP 800-108.
Franziskus Kiefer<https://github.com/franziskuskiefer> initial implementation of Cramer-Shoup.
KB Sriram<mail_kb&#064yahoo.com> testing for odd encodings for PGP User Attribute Subpackets.
Marco
Schulze<marco&#064nightlabs.de> Reported verification bug in GenericSigner.
Martin Schaef<https://github.com/martinschaef> contributed a code-cleanup patch.
Lijun Liao<&jun.liao&#064gmail.comgt; addition of getSignatureAlgorithmID to BasicOCSPResp.
dstutz<https://github.com/dstutz> added iteration count setters to PKCS#12 PBE mac/key generator builders.
Tobias Wich<tobias.wich&#064ecsec.de> Provided patch for TLS to work around servers sending Supported Elliptic Curves extension unexpectedly.
Hauke Mehrtens<hauke&#064hauke-m.de> TLS patch to add ECDHE_ECDSA CCM ciphersuites from RFC 7251.
Daniel Zimmerman<dmz&#064galois.com> Further key quality improvements to RSAKeyPairGenerator.
Jens Kapitza&ltj.kapitza&#064schwarze-allianz.de> Iterable support in OpenPGP API, code cleanup in OpenPGP API.
Johan Eklund<johan&#064primekey.se> update to RFC 6960 for OCSPObjectIdentifiers.
nikosn<https://github.com/nikosn>
Fix to encoding of EC private keys to ensure encoding matches order length.
Axel von dem Bruch <axel-vdb&#064riseup.net> Contributions to BCrypt/OpenBSDBCrypt, original version of Blake2bDigest.
Derek Atkins <derek&#064ihtfp.com> Documentation fixes to X9ObjectIdentifiers.
Peter Jr Halicky <peto&#064halicky.sk> Correction to notification/error message handling in SignedMailValidator.
lartiguePierre<https://github.com/lartiguePierre> Fix for counter signature SID in CMSSignedData.
Thomas Belot<thomas.belot+BC&#064gmail.com> initial CertPathLoopTest for demonstrating stack overflow issue.
Rich DiCroce<https://github.com/rdicroce> Initial implementation of server-side TLS-SRP support. TLS API

extension to support non-blocking usage.
Björn Kautler<https://github.com/Vampire> Refinements to cert path validation (authority key addition, certificate order preservation).
Dominik Schürmann<https://github.com/dschuermann>
method for returning signatures/verifications without user IDs on PGPPublicKey, method for exposing S2K in PGPSecretKey, constants for GNU protection modes in S2K classes, optional version header for armored output.
Michael <MSKnete&#064web.de> initial fix for bitStrength issue for OpenPGP EC keys.
Tobias Wagner <tobias.wagner&#064n-design.de> Fix SecureRandom handling in BcAsymmetricKeyWrapper [#BJA-536].
Sergio Giro <sgiro&#064google.com> Fixed adding of additional stores from CRL distribution point [#BJA-537]. Fixed missing null check for CRL certificate issuer [#BJA-538], removal of risky zeroisation code in PBE.java, check for salt in PBEKeys that require it.
bschuette<https://github.com/bschuette> Fixed typo in DefaultSignatureAlgorithmIdentifierFinder, additional methods on CMSSignedDataParser.
Leonard Dallot<https://github.com/dallotTazTag> Fix to S2K usage of none on changing passwords on keys without passwords originally.
Jan Willem Janssen <j.w.janssen+bouncycastle&#064lxtreme.nl> Support for DSAParameters in lightweight SubjectPublicKeyInfoFactory, initial content signer verifier for BC lightweight EC.
Sebastian Oerding <sebastian.oerding@robotron.de> Fixes to toString() in x509.CertificatePolicies.
Kai Kramer <kai.kramer&#064gmail.com> Code to deal with orphaned chain certificates in the PKCS#12 KeyStore.
Benoit Charles <benoit.charles&#064opentrust.com> Fix for IES data length check on decryption.
Niko <nfink95&#064gmail.com> fix to cast issue in getOutputSize() for ECIES.
akwizgran<https://github.com/akwizgran> Fixed clone of key in Blake2bDgest copy constructor, blake2b reset issue for varient keys.
Matthias Edelhoff <Matthias.Edelhoff&#064cryptovision.com> BasicConstraintsValidation pathlen fix in PKIX certpath classes.
Lukasz Deputat <lukasz.deputat&#064gmail.com> Fixed bugs in TlsUtils
read methods [#BJA-592].
Justin Ludwig <https://github.com/justinludwig> Iterator fix for PGPObjectFactory to handle stream packets at start of iterated data.
André Berenguel <https://github.com/aberenguel> Fix to include ECNamedCurveSpec in EC AlgorithmParameterSpi
Slawomir Jaranowski<https://github.com/slawekjaranowski> Patch to make cipher/hash/signature name methods in PGP internal API public.
Andrey Vasilyev<https://github.com/andrey-vasilyev> Initial implementation of GOST R 34.11-2012.
William Glanton <wglanton77&#064gmail.com> Fixed bug in Poly1305 [#BJA-620].
jdvorak001<https://github.com/jdvorak001> Speed improvements for ASN.1 ObjectIdentifier cache.
Joseph Naegele <jnaegele@grierforensics.com> Patch for handling multiple certificates in a DANE SMIMEA entry.
Andrew Bonventre<https://github.com/andybons> NullPointer patch for WNafUtil.
The Google Security Team (Project Wycheproof)
<https://github.com/google/wycheproof> defect analysis and additional test cases for the provider.
The Intel Security Team <> analysis detecting the issue with AESFastEngine (CVE-2016-1000339), additional suggestions for improvement to hardening of AESEngine.

</body>

</html>

1.12 httpcomponents-core 4.4.4

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1.13 json-simple 1.1.1

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1.14 aspect-j 1.8.13

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*
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* ******************************************************************/
package org.aspectj.internal.lang.annotation;
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1.15 jboss-logging 3.3.2.Final

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1.16 aspectj-tools 1.8.13

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1.17 webjars-locator 0.32

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1.18 pcre 8.42

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1.19 hk2-utils 2.5.0

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1.29 okhttp 3.9.0

1.30 jcl-over-slf4j 1.7.26

1.31 jul-to-slf4j 1.7.26

1.32 jetty-continuation 9.4.18.v20190429

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1.33 boost 1.70.0

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1.34 commons-pool 2.6.2

1.35 okio 1.13.0

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* /okio-1-13-0-sources-2-jar/okio/Segment.java
* /okio-1-13-0-sources-2-jar/okio/ForwardingSource.java
* /okio-1-13-0-sources-2-jar/okio/RealBufferedSource.java
* /okio-1-13-0-sources-2-jar/okio/Timeout.java
* /okio-1-13-0-sources-2-jar/okio/Sink.java
*
 /okio-1-13-0-sources-2-jar/okio/SegmentPool.java
* /okio-1-13-0-sources-2-jar/okio/GzipSink.java
* /okio-1-13-0-sources-2-jar/okio/DeflaterSink.java
* /okio-1-13-0-sources-2-jar/okio/Okio.java
* /okio-1-13-0-sources-2-jar/okio/AsyncTimeout.java
* /okio-1-13-0-sources-2-jar/okio/BufferedSource.java
* /okio-1-13-0-sources-2-jar/okio/InflaterSource.java
* /okio-1-13-0-sources-2-jar/okio/BufferedSink.java
* /okio-1-13-0-sources-2-jar/okio/Source.java
* /okio-1-13-0-sources-2-jar/okio/RealBufferedSink.java
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1.36 stax-api 1.0-2

1.37 signpostcommonshttp 1.2.1.2

1.38 opentracing-noop 0.31.0

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* /opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanContext.java
* /opentracing-noop-0-31-0-sources-jar/io/opentracing/noop/NoopSpanBuilder.java
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1.39 eddsa 0.2.0

1.40 opentracing-util 0.31.0

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* /opentracing-util-0-31-0-sources-jar/io/opentracing/util/ThreadLocalScope.java
* /opentracing-util-0-31-0-sources-jar/io/opentracing/util/ThreadLocalScopeManager.java
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1.41 javaip 0.16

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1.42 async-http-client-netty-utils 2.0.36

1.43 netty-reactive-streams-http 1.0.8

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1.45 play-exceptions 2.5.18

1.46 play-netty-utils 2.5.18

1.47 reactivemongo-shaded 0.12.4

1.48 gson 2.8.2

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* /gson-2-8-2-sources-jar/com/google/gson/FieldAttributes.java
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* /gson-2-8-2-sources-jar/com/google/gson/JsonPrimitive.java
* /gson-2-8-2-sources-jar/com/google/gson/JsonArray.java
* /gson-2-8-2-sources-jar/com/google/gson/DefaultDateTypeAdapter.java
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* /gson-2-8-2-sources-jar/com/google/gson/ExclusionStrategy.java
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* /gson-2-8-2-sources-jar/com/google/gson/JsonSerializationContext.java
*
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* /gson-2-8-2-sources-jar/com/google/gson/annotations/SerializedName.java
* /gson-2-8-2-sources-jar/com/google/gson/JsonIOException.java
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* /gson-2-8-2-sources-jar/com/google/gson/JsonSerializer.java
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1.49 animal-sniffer-annotation 1.17

1.50 transaction-api 1.1

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1.52 j2objc-annotations 1.3

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*/

Found in path(s):
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/Weak.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/AutoreleasePool.java
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Found in path(s):
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/RetainedWith.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/ReflectionSupport.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/RetainedLocalRef.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/Property.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/LoopTranslation.java
*
/j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/J2ObjCIncompatible.java
* /j2objc-annotations-1-3-sources-jar/com/google/j2objc/annotations/ObjectiveCName.java

1.53 swagger-jersey2-jaxrs 1.5.0

1.54 swagger-jaxrs 1.5.0

1.55 joda-time 2.9.6

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1.56 jackson-datatype-joda 2.4.2

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1.57 swagger-core 1.5.0

1.58 swagger 1.5.0

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Manifest-Version: 1.0
Bnd-LastModified: 1433634398680
Build-Jdk: 1.7.0_72
Built-By: tony
Bundle-Description: Sonatype helps open source projects to set up Maven
repositories on https://oss.sonatype.org/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.html
Bundle-ManifestVersion: 2
Bundle-Name: swagger-models
Bundle-SymbolicName: io.swagger.models
Bundle-Version: 1.5.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.swagger.models.parameters;uses:="com.fasterxml.jackso
n.annotation,io.swagger.models,io.swagger.models.properties";version="1
.5.0",io.swagger.models.properties;uses:="com.fasterxml.jackson.annotat
ion,io.swagger.models";version="1.5.0",io.swagger.models;uses:="com.fas
terxml.jackson.annotation,io.swagger.models.parameters,io.swagger.model
s.properties,javax.xml.bind.annotation";version="1.5.0"
implementation-version: 1.5.0
Import-Package: com.fasterxml.jackson.annotation;version="[2.4,3)",javax
 .xml.bind.annotation,org.slf4j;version="[1.6,2)"
mode: development
package: io.swagger
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-2.3.0.201405100607
url: https://github.com/swagger-api/swagger-core/modules/swagger-models

Found in path(s):
* /swagger-models-1-5-0-jar/META-INF/MANIFEST.MF

1.59 guice-assistedinject 4.0

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1.60 jline 2.14.3

1.61 swagger-annotations 1.5.0

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*/

package io.swagger.annotations;

import java.lang.annotation.ElementType;
```

```
import java.lang.annotation.Retention;
import java.lang.annotation.RetentionPolicy;
import java.lang.annotation.Target;

/**
* License metadata available within the info section of a Swagger definition, see
* https://github.com/swagger-api/swagger-spec/blob/master/versions/2.0.md#licenseObject
*
* @since 1.5.0
 */

@Target(ElementType.ANNOTATION_TYPE)
@Retention(RetentionPolicy.RUNTIME)
public @interface License {

  /**
   * The name of the license.
   *
   * @return the name of the license
   */
  String name();

  /**
   * An optional URL for the license.
   *
   * @return an optional URL for the license.
   */
  String url() default "";
}
```

1.62 metrics-jvm 4.1.0

1.63 ehcache 2.6.11

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1.64 build-link 2.5.18

1.65 netty-resolver-dns 2.0.36

1.66 async-http-client 2.0.36

1.67 jackson-datatype-jsr310 2.7.8

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1.68 netty-resolver 2.0.36

1.69 netty-codec-dns 2.0.36

1.70 jackson-dataformat-xml 2.9.9

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1.71 jackson-jaxrs-xml-provider 2.9.9

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1.72 profiler 1.0.2

1.73 httpcomponents-client 4.5.2

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1.74 websocket-api 9.4.18.v20190429

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

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

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

Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications

are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.75 jetty-xml 9.4.18.v20190429

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Eclipse

The following artifacts are EPL.
* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

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

Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

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

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.76 xerces-j 2.7.1

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1.77 sshj 0.23.0

1.78 go-msgpack 0.5.3

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1.79 jetty-webapp 9.4.18.v20190429

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

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

Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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http://openjdk.java.net/legal/gplv2+ce.html

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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* javax.websocket:javax.websocket-api

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If ALPN is used to negotiate HTTP/2 connections, then the following
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These artifacts replace/modify OpenJDK classes. The modifications
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org.apache.tomcat:tomcat-jasper-el
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* javax.transaction:javax.transaction-api
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

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

Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
classpath exceptions.
http://openjdk.java.net/legal/gplv2+ce.html

OW2

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

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.83 jetty-security 9.4.18.v20190429

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

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

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* java.sun.security.ssl

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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-impl

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 org.apache.tomcat:tomcat-jasper
 org.apache.tomcat:tomcat-juli
 org.apache.tomcat:tomcat-jsp-api
 org.apache.tomcat:tomcat-el-api
 org.apache.tomcat:tomcat-jasper-el
 org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan
org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el
org.apache.tomcat:tomcat-jasper-el
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org.eclipse.jetty.toolchain:jetty-schemas

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1.84 ghodss-yaml 1.0.0

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1.85 bean-validation-api 2.0.1.Final

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1.86 jetty-client 9.4.18.v20190429

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

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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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1.87 jedis 3.1.0

1.88 opentracing-api 0.31.0

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1.89 jetty-http-spi 9.4.18.v20190429

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 * javax.annotation:javax.annotation-api
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* java.sun.security.ssl

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org.ow2.asm:asm-commons
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 org.apache.tomcat:tomcat-jasper
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 org.apache.tomcat:tomcat-util-scan
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

* javax.servlet:javax.servlet-api

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

Oracle OpenJDK

If ALPN is used to negotiate HTTP/2 connections, then the following
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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http://openjdk.java.net/legal/gplv2+ce.html

OW2

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

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

The following artifacts are ASL2 licensed. Based on selected classes from
following Apache Tomcat jars, all ASL2
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org.mortbay.jasper:apache-jsp
org.apache.tomcat:tomcat-jasper
org.apache.tomcat:tomcat-juli

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

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

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The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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

The following artifacts are EPL and ASL2.
* org.eclipse.jetty.orbit:javax.security.auth.message

The following artifacts are EPL and CDDL 1.0.
* org.eclipse.jetty.orbit:javax.mail.glassfish

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.
https://glassfish.dev.java.net/nonav/public/CDDL+GPL.html

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

Oracle OpenJDK

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

* java.sun.security.ssl

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

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

OW2

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terms of http://asm.ow2.org/license.html

org.ow2.asm:asm-commons
org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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* /error-prone-annotations-2-3-2-sources-
jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/DoNotCall.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/CheckReturnValue.java
*
 /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
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* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/MustBeClosed.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/FormatString.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/RestrictedApi.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/CompatibleWith.java
*
 /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/FormatMethod.java
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* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
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* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
*
 /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/Immutable.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/ForOverride.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/Var.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
* /error-prone-annotations-2-3-2-sources-jar/com/google/errorprone/annotations/IncompatibleModifiers.java

1.93 xz 5.2.4

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1.94 slf4j 1.7.26

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<title>SLF4J License</title>
<link rel="stylesheet" type="text/css" media="screen" href="css/site.css" />

```
  </head>
  <body>
    <script type="text/javascript">prefix='';</script>

    <script src="templates/header.js" type="text/javascript"></script>
    <div id="left">
      <script src="templates/left.js" type="text/javascript"></script>
    </div>
    <div id="right">
      <script src="templates/right.js" type="text/javascript"></script>
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1.95 scala 2.11.12

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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)
                                    ^
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1.99 ghodss-yaml v1.0.0

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1.100 hamcrest 1.1

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1.101 distlib 0.3.0

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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
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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.

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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1.102 go-flags 1.4.0

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1.103 slf4j 1.7.30

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1.104 dns-python 1.16.0

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1.105 gojsonschema 1.1.0

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1.110 java-jwt 3.9.0

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1.111 commons-lang3 3.4

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1.112 jackson-datatype-jdk8 2.7.8

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1.113 mergo 0.3.9

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fields:
  site: string
  author: root

1.114 jersey 2.28

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1.116 guava 28.0-jre

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1.117 netty 4.0.51.Final

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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/oio/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/server/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/telnet/TelnetClient.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/StringUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/udt/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledDirectByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/SwappedByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket00FrameDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/QueryStringEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/qotm/QuoteOfTheMomentServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/group/package-info.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockClientInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/AttributeMap.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpPostRequestDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/IllegalReferenceCountException.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/oio/OioSctpServerChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/CaseIgnoringComparator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/SocksServer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/local/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/PongWebSocketFrame.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadServerInitializer.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/oio/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/SocksServerInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/example/sctp/SctpEchoServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySettingsFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/echo/EchoClientHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/echo/EchoServer.java

* /netty-all-4-0-51-final-sources-jar/io/netty/example/telnet/TelnetServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpClientCodec.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/channel/local/LocalServerChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadClient.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockServerInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/qotm/QuoteOfTheMomentClientHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksMessage.java
*
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpHeaderDateFormat.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/sctp/SctpEchoClientHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultCookie.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/file/HttpStaticFileServer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultHttpRequest.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpOutboundByteStreamHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultHttpContent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PoolChunkList.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/HttpPostRequestEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelPromise.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/EventLoop.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/snoop/HttpSnoopClientInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufAllocator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpContentCompressor.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/CompositeByteBuf.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/qotm/QuoteOfTheMomentServer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/portunification/PortUnificationServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufInputStream.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockClient.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/AttributeKey.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/MultithreadEventLoopGroup.java
*
/netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/DirectClientHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/Slf4JLoggerFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/qotm/QuoteOfTheMomentClient.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PoolChunk.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/CodecException.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/Signal.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpMessage.java

* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpResponseStreamIdHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpResponseEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/file/HttpStaticFileServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspMethods.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/DefaultAttributeMap.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/EventExecutorGroup.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/SingleThreadEventLoop.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/ClientCookieEncoder.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/RelayHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/discard/DiscardClientHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/group/CombinedIterator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractHttpData.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/package-info.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/InterfaceHttpData.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/DatagramChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/Attribute.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/SSLContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/Library.java
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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</a>
   * for more details.
   */
```

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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollSocketChannelConfig.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/UnstableApi.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/SocketUtils.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/UnorderedThreadPoolEventExecutor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/DomainNameMappingBuilder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/UnpooledUnsafeNoCleanerDirectByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/WrappedCompositeByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakTracker.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/flush/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/Log4J2Logger.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/CertificateRequestedCallback.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseCombiner.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/NativeLibraryUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandlers.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/SessionTicketKey.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/DuplexChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/OutOfDirectMemoryError.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/ThrowableUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/UnaryPromiseNotifier.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyTLV.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpServerKeepAliveHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/PromiseNotificationUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxySSLTLV.java
*

/netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/FileUploadUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/IntSupplier.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/Log4J2LoggerFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/PeerCredentials.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemValue.java
*
/netty-all-4-0-51-final-sources-jar/io/netty/channel/SelectStrategy.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslExtendedKeyMaterialManager.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakDetectorFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketChunkedInput.java
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*/
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*/
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
*
 The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/base64/Base64.java
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
```

```
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
```

```
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                 AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                 AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
```

```
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                  AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                  AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/

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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* under the License.
*/
/**
* Handles or intercepts a {@link ChannelInboundInvoker} or {@link ChannelOutboundInvoker} operation, and
forwards it
* to the next handler in a {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods.  To handle a
* a {@link
 ChannelInboundInvoker} or {@link ChannelOutboundInvoker} operation
* you need to implement its sub-interfaces.  There are many different sub-interfaces
* which handles inbound and outbound operations.
*
* But the most useful for developers may be:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} handles and intercepts inbound operations</li>
* <li>{@link ChannelOutboundHandlerAdapter} handles and intercepts outbound operations</li>
* </ul>
*
* You will also find more detailed explanation from the documentation of
* each sub-interface on how an event is interpreted when it goes upstream and
* downstream respectively.
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the
 pipeline dynamically, or store the information
*  (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
```

```
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Channel} ch = e.getChannel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ch.write(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}</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);
*         {@link Channel} ch = ctx.channel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ch.write(fetchSecret((GetDataMessage) o));
*             } else {
*
  fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Now that the state of the handler isattached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
```

* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
 * a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* the JCIP annotations.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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* under the License.
*/
/**
    * 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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* /netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspServerExample.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspUtils.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspRequestBuilder.java
*
/netty-all-4-0-51-final-sources-jar/io/netty/example/ocsp/OcspClientExample.java

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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageConnectorChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtAcceptorChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/package-info.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageAcceptorChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/ChannelTrafficShapingHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpInboundByteStreamHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtMessageRendezvousChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteAcceptorChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageToMessageDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/sctp/SctpMessageCompletionHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteConnectorChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtProvider.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/nio/NioUdtByteRendezvousChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyMessage.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/package-info.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyConstants.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/IovArray.java
* /netty-all-4-0-51-final-sources-
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyCommand.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/CertificateVerifier.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/SpdyClientStreamIdHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/benchmarkserver/WebSocketServer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/NativeLibraryLoader.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/SpdyClientInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyOrHttpChooser.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SniHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/server/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/DomainNameMapping.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/file/FileServerHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseNotifier.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakHint.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/HttpResponseClientHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocket08FrameDecoder.java
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert
```

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* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/LongAdderCounter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java

*
 /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/UnixChannelUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/SuppressForbidden.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/SniHostNameMatcher.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/ReflectionUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledByteBufAllocatorMetric.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/NettyRuntime.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/uptime/UptimeServer.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Java9SslEngine.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/uptime/UptimeServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Java9SslUtils.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufAllocatorMetric.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpChannelOption.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/rxtx/RxtxChannelOption.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/oio/OioByteStreamChannel.java

*
 /netty-all-4-0-51-final-sources-jar/io/netty/channel/rxtx/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/rxtx/RxtxDeviceAddress.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/rxtx/RxtxChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/UdtServerChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpMessage.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpNotificationHandler.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/nio/NioSctpChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/DefaultSctpChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpServerChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/nio/NioSctpServerChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockProtocol.proto
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpServerChannelConfig.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/ObjectUtil.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/UnsafeByteBufUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ThreadProperties.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollMode.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledUnsafeHeapByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/sctp/multihoming/SctpMultiHomingEchoServer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/DomainMappingBuilder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/LongCounter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollEventArray.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/Socket.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/CookieHeaderNames.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/HeapByteBufUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/CookieEncoder.java

* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/CookieUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/UnpooledUnsafeHeapByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/sctp/multihoming/SctpMultiHomingEchoClient.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/CookieDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/ClientCookieEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/Errors.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspEncoder.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/ChannelPool.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/SlicedAbstractByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/DefaultCookie.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PoolArenaMetric.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/CookieUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PoolChunkMetric.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/DuplicatedAbstractByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpExpectationFailedEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/UnixChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/Future.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ProgressiveFuture.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/DefaultProgressivePromise.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/PendingWrite.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakDetector.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ScheduledFutureTask.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/PlatformDependent0.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/Native.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpRequest.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/FutureListener.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AbstractDerivedByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseTask.java
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* /netty-codec-http-4-0-51-final-sources-1-
jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
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/netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyStreamFrame.java
* /netty-codec-http-4-0-51-final-sources-1-
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* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdySynReplyFrame.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdySynStreamFrame.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java
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* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyStreamFrame.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyVersion.java
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* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
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* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/websocketx/CloseWebSocketFrame.java

* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/MemoryFileUpload.java
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* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/package-info.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/DefaultHttpDataFactory.java
* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/http/multipart/MixedFileUpload.java
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* /netty-codec-http-4-0-51-final-sources-1-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
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*/
/**
* Handles or intercepts a {@link ChannelInboundInvoker} or {@link ChannelOutboundInvoker} operation, and forwards it
* to the next handler in a {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods. To handle a
* a {@link
 ChannelInboundInvoker} or {@link ChannelOutboundInvoker} operation
* you need to implement its sub-interfaces. There are many different sub-interfaces
* which handles inbound and outbound operations.
*
* But the most useful for developers may be:
*
* {@link ChannelInboundHandlerAdapter} handles and intercepts inbound operations
* {@link ChannelOutboundHandlerAdapter} handles and intercepts outbound operations
*
*

```
* You will also find more detailed explanation from the documentation of
* each sub-interface on how an event is interpreted when it goes upstream and
* downstream respectively.
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the
 pipeline dynamically, or store the information
*  (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Channel} ch = e.getChannel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ch.write(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}</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);
*         {@link Channel} ch = ctx.channel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ch.write(fetchSecret((GetDataMessage) o));
*             } else {
*
  fail();
*             }
*         }
*     }
*     ...
* }
```

```
* </pre>
* Now that the state of the handler isattached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
 * a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <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.
*/

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*
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
*
 /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/ChannelMatchers.java
*
 /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/ChannelGroupException.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/ChannelGroup.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ConnectTimeoutException.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelProgressivePromise.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/AddressedEnvelope.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/nio/SelectedSelectionKeySet.java

* /netty-transport-4-0-51-final-sources-1-
jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/ChannelMatcher.java
*
 /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/DefaultChannelGroup.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/MessageSizeEstimator.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelProgressiveFuture.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/bootstrap/ChannelFactory.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelHandlerAdapter.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/oio/AbstractOioMessageChannel.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/FixedRecvByteBufAllocator.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelFuture.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DatagramChannel.java
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*
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelDuplexHandler.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/RecvByteBufAllocator.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/bootstrap/AbstractBootstrap.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/bootstrap/package-info.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelInboundHandlerAdapter.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/embedded/EmbeddedEventLoop.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/EventLoop.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelPipeline.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/AbstractServerChannel.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
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* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/local/LocalChannelRegistry.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/CompleteChannelFuture.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/AbstractChannel.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/local/LocalAddress.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelPipelineException.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelOption.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
*
 /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/FileRegion.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/local/LocalServerChannel.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/ChannelInboundHandler.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/Channel.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/group/package-info.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /netty-transport-4-0-51-final-sources-1-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java

1.120 netty-transport-native-epoll 4.0.51.Final

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* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/TcpMd5Util.java
*
 /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/Socket.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/Errors.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/FileDescriptor.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/NativeInetAddress.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketAddress.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollEventArray.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/ServerDomainSocketChannel.java

*
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* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollServerDomainSocketChannel.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/DomainSocketChannel.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollMode.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
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* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/PeerCredentials.java
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* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollChannelOption.java
*
/netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollEventLoop.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/package-info.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/AbstractEpollChannel.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollEventLoopGroup.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
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* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/Epoll.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/unix/package-info.java
* /netty-transport-native-epoll-4-0-51-final-sources-1-jar/io/netty/channel/epoll/EpollServerSocketChannel.java
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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</a>
    * for more details.
    */
```

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/**
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    * 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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1.121 netty-handler 4.0.51.Final

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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/PemX509Certificate.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/PemEncoded.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/flush/FlushConsolidationHandler.java
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 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/IdleStateHandler.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/package-info.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/IdleState.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/TimeoutException.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslHandler.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/stream/ChunkedNioFile.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/timeout/IdleStateEvent.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
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 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/PemReader.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSsl.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/package-info.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslEngine.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/CipherSuiteFilter.java

* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslUtils.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkSslContext.java
*
 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslContext.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
*
 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslProvider.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkSslEngine.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SniHandler.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
*
 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslContext.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ipfilter/IpFilterRule.java
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 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ClientAuth.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
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 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslContextBuilder.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
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* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Java9SslEngine.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/OptionalSslHandler.java
*
 /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ocsp/package-info.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/Java9SslUtils.java
* /netty-handler-4-0-51-final-sources-1-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
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1.122 netty-codec 4.0.51.Final

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* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ClassResolver.java
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* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/base64/package-info.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/DecompressionException.java

* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/string/StringEncoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/DecoderResult.java
*
/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/ReplayingDecoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
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/netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/package-info.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/compression/Snappy.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/TooLongFrameException.java
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* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/string/StringDecoder.java
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
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* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/DecoderException.java
* /netty-codec-4-0-51-final-sources-1-
jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
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* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
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jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
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*/
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
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* <p>

*
The encoding and decoding algorithm in this class has been derived from
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```

```
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```

```
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert
 Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

Found in path(s):
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/base64/Base64Dialect.java
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```
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
```

```
* BEFORE DECODE (14 bytes)        AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
* lengthFieldOffset   =  0
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)        AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
```

```
 0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                 AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                 AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
```

```
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                       AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

Found in path(s):
* /netty-codec-4-0-51-final-sources-1-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

1.123 zstd 1.4.3

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1.124 lz4 1.7.0

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Upstream-Contact: Yann Collet <Cyan4973@github.com>
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1.125 libyaml 0.2.5

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1.126 sarama 1.27.0

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1.127 hibernate-validator 6.0.11.Final

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* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/Currency.java
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* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForBigDecimal.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/resolver/CachingTraversableResolverForSingleValidation.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForBigDecimal.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/ConstrainedGetterStaxBuilder.java
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* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/package-info.java
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* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForJapaneseDate.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/sign/PositiveOrZeroValidatorForByte.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/HibernateValidatorPermission.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/Mod10CheckDef.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/br/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/ParameterScriptAssertValidator.java
*
/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/Cascadable.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/stereotypes/ThreadSafe.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/ParameterScriptAssertDef.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/pl/NIPDef.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForLocalDate.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/defs/EANDef.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/AbstractDecimalMaxValidator.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/pl/PESEL.java
*
/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/rule/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalDate.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForYear.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/AssertTrueValidator.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/ConstructorTarget.java
*
/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMinValidatorForFloat.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/AnnotationDef.java

* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForNumber.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForBigInteger.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/ISBNValidator.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/PastValidatorForLocalTime.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/ConstructorInstance.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/past/AbstractPastInstantBasedValidator.java
*
/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/notempty/NotEmptyValidatorForCollection.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/ConstraintDefinitionTarget.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/IterableValueExtractor.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/DecimalMinValidatorForCharSequence.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/NotEmpty.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/messageinterpolation/ParameterMessageInterpolator.java
*
/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/core/AnnotationProcessingOptionsImpl.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/cfg/context/PropertyConstraintMappingContextImpl.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetMethods.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/config/ResourceLoaderHelper.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/cfg/context/AnnotationProcessingOptions.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/valueextraction/ValueExtractorHelper.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/messageinterpolation/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/scripting/DefaultScriptEvaluatorFactory.java
*
/hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/pl/PolishNumberValidator.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/pl/NIP.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForLocalD

ateTime.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForReadablePartial.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/util/InterpolationHelper.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/pastorpresent/PastOrPresentValidatorForOffsetTime.java
*
 /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/util/privilegedactions/GetInstancesFromServiceLoader.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/metadata/aggregated/ReturnValueMetaData.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/constraints/time/package-info.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/decimal/DecimalMaxValidatorForFloat.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/hv/UniqueElementsValidator.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/number/bound/MinValidatorForBigInteger.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/ParameterTermResolver.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/xml/mapping/CrossParameterStaxBuilder.java
*
 /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForJapaneseDate.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/future/FutureValidatorForDate.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForCalendar.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/constraintvalidators/bv/time/futureorpresent/FutureOrPresentValidatorForReadableInstant.java
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/internal/engine/messageinterpolation/parser/ELState.java
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*/
/**

```
* <p>
* A method-level constraint, that evaluates a script expression against the
* annotated method or constructor. This constraint can be used to implement
* validation routines that depend on several parameters of the annotated
* executable.
* </p>
* <p>
* Script expressions can be written in any scripting or expression language,
* for which a <a href="http://jcp.org/en/jsr/detail?id=223">JSR 223</a>
* ("Scripting for the Java<sup>TM</sup> Platform") compatible engine can be
* found on the classpath. To refer to a parameter within the scripting
* expression, use its name as obtained by the active
* {@link javax.validation.ParameterNameProvider}. By default, {@code arg0}, {@code arg1}
 etc.
* will be used as parameter names.
* </p>
* <p>
* The following listing shows an example using the JavaScript engine which
* comes with the JDK:
* </p>
* <pre>
* {@code @ParameterScriptAssert(script = "arg0.before(arg1)", lang = "javascript")
* public void createEvent(Date start, Date end) { ... }
* }
* </pre>
* <p>
* Can be specified on any method or constructor.
* </p>
*
* @author Gunnar Morling
*/
```

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*/
/**
  * Retrieves constraint related meta data for the parameters of the given
  * executable.
  *
  * @param executable The executable of interest.
  *
  * @return A list with parameter meta data for the given executable.
  */

Found in path(s):
* /hibernate-validator-6-0-11-final-sources-1-
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jar/org/hibernate/validator/internal/util/ConcurrentReferenceHashMap.java
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* /hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-2.0.xsd
* /hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-2.0.xsd
* /hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-1.1.xsd
* /hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-mapping-1.0.xsd
* /hibernate-validator-6-0-11-final-sources-1-jar/META-INF/maven/org.hibernate.validator/hibernate-validator/pom.xml
* /hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-1.1.xsd
* /hibernate-validator-6-0-11-final-sources-1-jar/META-INF/validation-configuration-1.0.xsd
* /hibernate-validator-6-0-11-final-sources-1-jar/org/hibernate/validator/overview.html

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

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

Oracle OpenJDK

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

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
are hosted at github and both modified and original are under GPL v2 with
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org.ow2.asm:asm-commons
org.ow2.asm:asm

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org.apache.taglibs:taglibs-standard-spec
org.apache.taglibs:taglibs-standard-impl

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

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 org.apache.tomcat:tomcat-jasper-el
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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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

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If ALPN is used to negotiate HTTP/2 connections, then the following
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* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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1.132 pyparsing 2.4.6

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1.133 prettytable 0.7.2

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1.134 idna 2.10

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```
"""
A library to support the Internationalised Domain Names in Applications
(IDNA) protocol as specified in RFC 5890 et.al. This new methodology,
known as IDNA 2008, can generate materially different results to the
previous standard. The library can act as a drop-in replacement for
the "encodings.idna" module.
"""

import io, sys
from setuptools import setup


def main():

  python_version = sys.version_info[:2]
  if python_version < (2,7):
     raise SystemExit("Sorry, Python 2.7 or newer required")

  package_data = {}
  exec(open('idna/package_data.py').read(), package_data)

  arguments = {
     'name': 'idna',
     'packages': ['idna'],
     'version': package_data['__version__'],
     'description': 'Internationalized Domain Names in Applications (IDNA)',
     'long_description': io.open("README.rst", encoding="UTF-8").read(),
     'author': 'Kim Davies',
     'author_email': 'kim@cynosure.com.au',
      'license': 'BSD-like',
     'url': 'https://github.com/kjd/idna',
     'classifiers': [
        'Development Status :: 5 - Production/Stable',
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        'Programming Language :: Python',
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        'Programming Language :: Python :: 2.7',
        'Programming Language :: Python :: 3',
        'Programming Language :: Python :: 3.4',
```

```
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Programming Language :: Python :: 3.7',
        'Programming Language :: Python :: 3.8',
        'Programming Language :: Python :: Implementation :: CPython',
        'Programming Language :: Python :: Implementation :: PyPy',
         'Topic :: Internet :: Name Service (DNS)',
        'Topic :: Software Development :: Libraries :: Python Modules',
        'Topic :: Utilities',
      ],
      'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
    }

    setup(**arguments)

if __name__ == '__main__':
    main()

Found in path(s):
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1.135 regex 2020.11.13

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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpChannelOption.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/rxtx/RxtxChannel.java
*
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/rxtx/DefaultRxtxChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/rxtx/RxtxDeviceAddress.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/nio/NioSctpChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/SctpServerChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/worldclock/WorldClockProtocol.proto
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/sctp/DefaultSctpChannelConfig.java
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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</a>
   * for more details.
   */
```

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```

```
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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
*
 The encoding and decoding algorithm in this class has been derived from
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
```

```
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* lengthAdjustment    = 0
* <b>initialBytesToStrip</b> = <b>2</b> (= the length of the Length field)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (12 bytes)
* +--------+----------------+      +----------------+
* | Length | Actual Content |----->| Actual Content |
* | 0x000C | "HELLO, WORLD" |      | "HELLO, WORLD" |
* +--------+----------------+      +----------------+
 * </pre>
*
* <h3>2 bytes length field at offset 0, do not strip header, the length field
*     represents the length of the whole message</h3>
*
* In most cases, the length field represents the length of the message body
* only, as shown in the previous examples.  However, in some protocols, the
* length field represents the length of the whole message, including the
* message header.  In such a case, we specify a non-zero
* <tt>lengthAdjustment</tt>.  Because the length value in this example message
* is always greater than the body length by <tt>2</tt>, we specify <tt>-2</tt>
* as <tt>lengthAdjustment</tt> for compensation.
* <pre>
```

```
* lengthFieldOffset   = 0
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>-2</b> (= the length of the Length field)
* initialBytesToStrip =  0
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content |----->| Length | Actual
 Content |
* | 0x000E | "HELLO, WORLD" |      | 0x000E | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>3 bytes length field at the end of 5 bytes header, do not strip header</h3>
*
* The following message is a simple variation of the first example.  An extra
* header value is prepended to the message.  <tt>lengthAdjustment</tt> is zero
* again because the decoder always takes the length of the prepended data into
* account during frame length calculation.
* <pre>
* <b>lengthFieldOffset</b>   = <b>2</b> (= the length of Header 1)
* <b>lengthFieldLength</b>   = <b>3</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* | Header 1 |  Length  | Actual Content |----->| Header 1 |  Length  | Actual Content |
* |  0xCAFE  | 0x00000C | "HELLO, WORLD" |      |
  0xCAFE  | 0x00000C | "HELLO, WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>3 bytes length field at the beginning of 5 bytes header, do not strip header</h3>
*
* This is an advanced example that shows the case where there is an extra
* header between the length field and the message body.  You have to specify a
* positive <tt>lengthAdjustment</tt> so that the decoder counts the extra
* header into the frame length calculation.
* <pre>
* lengthFieldOffset   = 0
* lengthFieldLength   = 3
* <b>lengthAdjustment</b>    = <b>2</b> (= the length of Header 1)
* initialBytesToStrip = 0
*
* BEFORE DECODE (17 bytes)                      AFTER DECODE (17 bytes)
* +----------+----------+----------------+      +----------+----------+----------------+
* |  Length  | Header 1 | Actual Content |----->|  Length  | Header 1 | Actual Content |
```

```
* | 0x00000C |  0xCAFE  | "HELLO, WORLD" |      | 0x00000C |  0xCAFE  | "HELLO,
 WORLD" |
* +----------+----------+----------------+      +----------+----------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field</h3>
*
* This is a combination of all the examples above.  There are the prepended
* header before the length field and the extra header after the length field.
* The prepended header affects the <tt>lengthFieldOffset</tt> and the extra
* header affects the <tt>lengthAdjustment</tt>.  We also specified a non-zero
* <tt>initialBytesToStrip</tt> to strip the length field and the prepended
* header from the frame.  If you don't want to strip the prepended header, you
* could specify <tt>0</tt> for <tt>initialBytesToSkip</tt>.
* <pre>
* lengthFieldOffset   = 1 (= the length of HDR1)
* lengthFieldLength   = 2
* <b>lengthAdjustment</b>    = <b>1</b> (= the length of HDR2)
* <b>initialBytesToStrip</b> = <b>3</b> (= the length of HDR1 + LEN)
 *
* BEFORE DECODE (16 bytes)                  AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
* | 0xCA | 0x000C | 0xFE | "HELLO, WORLD" |      | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+      +------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 1 in the middle of 4 bytes header,
*     strip the first header field and the length field, the length field
*     represents the length of the whole message</h3>
*
* Let's give another twist to the previous example.  The only difference from
* the previous example is that the length field represents the length of the
* whole message instead of the message body, just like the third example.
* We have to count the length of HDR1 and Length into <tt>lengthAdjustment</tt>.
* Please note that we don't need to take the length of HDR2 into account
* because
 the length field already includes the whole header length.
* <pre>
* lengthFieldOffset   =  1
* lengthFieldLength   =  2
* <b>lengthAdjustment</b>    = <b>-3</b> (= the length of HDR1 + LEN, negative)
* <b>initialBytesToStrip</b> = <b> 3</b>
*
* BEFORE DECODE (16 bytes)                  AFTER DECODE (13 bytes)
* +------+--------+------+----------------+      +------+----------------+
* | HDR1 | Length | HDR2 | Actual Content |----->| HDR2 | Actual Content |
```

* | 0xCA | 0x0010 | 0xFE | "HELLO, WORLD" | | 0xFE | "HELLO, WORLD" |
* +------+--------+------+----------------+   +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/

Found in path(s):
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/
/**
* Handles or intercepts a {@link ChannelInboundInvoker} or {@link ChannelOutboundInvoker} operation, and forwards it
* to the next handler in a {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods. To handle a
* a {@link
 ChannelInboundInvoker} or {@link ChannelOutboundInvoker} operation
* you need to implement its sub-interfaces. There are many different sub-interfaces
* which handles inbound and outbound operations.
*
* But the most useful for developers may be:
*
* {@link ChannelInboundHandlerAdapter} handles and intercepts inbound operations
* {@link ChannelOutboundHandlerAdapter} handles and intercepts outbound operations
*
*
* You will also find more detailed explanation from the documentation of
* each sub-interface on how an event is interpreted when it goes upstream and
* downstream respectively.
*

```
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object.  A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object.  Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the
 pipeline dynamically, or store the information
*  (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Channel} ch = e.getChannel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ch.write(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}</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);
*         {@link Channel} ch = ctx.channel();
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ch.write(fetchSecret((GetDataMessage) o));
*             } else {
*
  fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Now that the state of the handler isattached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
```

```
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
 * a race condition.
* <p>
* If this annotation is not specified, you have to create a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <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):
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelHandler.java
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* distributed under the License is distributed on an "AS IS" BASIS, WITHOUT
* WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the
* License for the specific language governing permissions and limitations
* under the License.
*/
/**
    * 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.

  */

Found in path(s):
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/FixedCompositeByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/FutureListener.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AbstractDerivedByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpHeaderEntity.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaders.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ProgressivePromise.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/FullHttpMessage.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/GenericProgressiveFutureListener.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeaders.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyWindowUpdateFrame.java

* /netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AdvancedLeakAwareByteBuf.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ScheduledFuture.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ReferenceCounted.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/DefaultThreadFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/AppendableCharSequence.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketClientProtocolHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/UdtServerChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/WrappedByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/AbstractFuture.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyVersion.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/ConcurrentSet.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/ComposedLastHttpContent.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockJZlibEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufProcessor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/Promise.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/ReadOnlyIterator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakDetector.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/AddressedEnvelope.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/DefaultUdtServerChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ProgressiveFuture.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockZlibEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/EmptyByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/AbstractReferenceCounted.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyPingFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySessionStatus.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AbstractReferenceCountedByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/helloworld/HttpHelloWorldServerInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/NoOpTypeParameterMatcher.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/PlatformDependent0.java
*
 /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameAggregator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/DefaultFutureListeners.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ImmediateExecutor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ScheduledFutureTask.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/TypeParameterMatcher.java

* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/PromiseTask.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/FullHttpRequest.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyRstStreamFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java
*
/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultFullHttpResponse.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/CompleteFuture.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/udt/UdtChannelOption.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/GenericFutureListener.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/PendingWrite.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyStreamStatus.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/Recycler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ReadOnlyUnsafeDirectByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyDataFrame.java
*
/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyCodecUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakException.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/DefaultByteBufHolder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/SimpleLeakAwareByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
*
/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdySynStreamFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/ImmediateEventExecutor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/Version.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/FullHttpResponse.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/Native.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/EmptyArrays.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/DefaultProgressivePromise.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ReferenceCountUtil.java
*
/netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketFrameEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeadersFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/AbstractEventExecutor.java

* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyPingFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyWindowUpdateFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/helloworld/HttpHelloWorldServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyRstStreamFrame.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeak.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHttpCodec.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyDataFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/package-info.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyGoAwayFrame.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/WebSocketProtocolHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdyHeadersFrame.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/rxtx/RxtxClientHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cors/package-info.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ReadOnlyByteBufferBuf.java

* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/DefaultSpdySynReplyFrame.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PoolSubpageMetric.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/Errors.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/ServerCookieDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/sctp/multihoming/SctpMultiHomingEchoServer.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/SlicedAbstractByteBuf.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollMode.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/cookie/Cookie.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/UnsafeByteBufUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/pool/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/CookieUtil.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/PooledByteBufAllocatorMetric.java
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 /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Java9SslUtils.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/UnixChannelUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Java9SslEngine.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/LongAdderCounter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/uptime/UptimeServerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/SuppressForbidden.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/ReflectionUtil.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySetSelector.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/internal/tcnative/SniHostNameMatcher.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/multipart/AbstractMemoryHttpData.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/embedded/EmbeddedEventLoop.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpRequestDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/telnet/TelnetServer.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/Attribute.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/upload/HttpUploadServerInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/SingleThreadEventExecutor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ServerChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/CookieDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/sctp/SctpEchoServerHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelFuture.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/HashedWheelTimer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/udt/echo/bytes/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/PlatformDependent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/objectecho/ObjectEchoClient.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/DirectClientHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/package-info.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/AttributeMap.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/BlockingOperationException.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/concurrent/GlobalEventExecutor.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/rtsp/RtspRequestEncoder.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
* /netty-all-4-0-51-final-sources-
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/DefaultLastHttpContent.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/factorial/NumberEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/buffer/AbstractByteBuf.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/udt/echo/rendezvous/MsgEchoPeerTwo.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/factorial/FactorialClientInitializer.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/logging/InternalLoggerFactory.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
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/netty-all-4-0-51-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/udt/echo/rendezvousBytes/ByteEchoPeerHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpObjectEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/socksproxy/SocksServer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/websocketx/package-info.java
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*/
/*
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert
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* Base64 Encoder/Decoder.
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/Cleaner.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
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/netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/IntegerHolder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/unix/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/ThreadDeathWatcher.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/util/internal/InternalThreadLocalMap.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/EpollSocketChannel.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoderDelegate.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/benchmarkserver/WebSocketServer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java

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* /netty-all-4-0-51-final-sources-jar/io/netty/example/http/websocketx/benchmarkserver/package-info.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/HttpResponseClientHandler.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/util/ResourceLeakHint.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyCommand.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SniHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyHeaderBlockRawDecoder.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyProtocolException.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/SpdyFrameLogger.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/package-info.java
* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/SpdyClient.java
* /netty-all-4-0-51-final-sources-
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/haproxy/HAProxyConstants.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameDecoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/server/SpdyOrHttpHandler.java
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* /netty-all-4-0-51-final-sources-jar/io/netty/example/spdy/client/SpdyClientInitializer.java
* /netty-all-4-0-51-final-sources-jar/io/netty/channel/epoll/Epoll.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/ServerCookieEncoder.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/http/HttpChunkedInput.java

* /netty-all-4-0-51-final-sources-jar/io/netty/handler/codec/spdy/SpdyFrameCodec.java
* /netty-all-4-0-51-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
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PACKAGE

package goautoneg
import "bitbucket.org/ww/goautoneg"

HTTP Content-Type Autonegotiation.

The functions in this package implement the behaviour specified in
http://www.w3.org/Protocols/rfc2616/rfc2616-sec14.html

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FUNCTIONS

func Negotiate(header string, alternatives []string) (content_type string)
Negotiate the most
appropriate content_type given the accept header
and a list of alternatives.

func ParseAccept(header string) (accept []Accept)
Parse an Accept Header string returning a sorted list
of clauses

TYPES

type Accept struct {
  Type, SubType string
  Q   float32
  Params   map[string]string
}
Structure to represent a clause in an HTTP Accept Header

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* <p>
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1.144 openssl 1.1.1i

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1.149 classmate 1.3.4

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Found in path(s):
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/NoFieldException.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/InnerClassesAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/analysis/Subroutine.java
*
/javassist-3-22-0-cr2-sources-4-jar/javassist/runtime/Cflow.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/AnnotationImpl.java

* /javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/FactoryHelper.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/convert/Transformer.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/SyntheticAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/Reflection.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/expr/Instanceof.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/SecurityActions.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ByteStream.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/SyntaxError.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/CannotReflectException.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformCall.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtNewWrappedMethod.java
*
 /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ClassFilePrinter.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/AssignExpr.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtArray.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtPrimitiveType.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/NewExpr.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/DeprecatedAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/MemberResolver.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/MethodDecl.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/stackmap/Tracer.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/stackmap/BasicBlock.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/CodeAnalyzer.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/JvstCodeGen.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/StackMap.java
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 /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/LocalVariableAttribute.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/EnclosingMethodAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/DoubleConst.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/Dump.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/analysis/ControlFlow.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtMethod.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/LineNumberAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/CodeIterator.java
*
 /javassist-3-22-0-cr2-sources-4-jar/javassist/scopedpool/ScopedClassPoolRepository.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/Stmnt.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/NoSuchClassError.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/stackmap/TypedBlock.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CodeConverter.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformNewClass.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/Visitor.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtMember.java

* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ByteArray.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/framedump.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/expr/Cast.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/ProxyFactory.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/SignatureAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/ClassClassPath.java
*
 /javassist-3-22-0-cr2-sources-4-jar/javassist/expr/MethodCall.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ClassFileWriter.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CannotCompileException.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformReadField.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/stackmap/TypeData.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtNewClass.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/Callback.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/runtime/Inner.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/analysis/FramePrinter.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/StubGenerator.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/ObjectNotFoundException.java
*
 /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/TypeChecker.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/scopedpool/SoftValueHashMap.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/ProxyObjectInputStream.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/NotFoundException.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtField.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/Opcode.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/Translator.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/Pair.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/reflect/Sample.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/MethodHandler.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/CtConstructor.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/AnnotationsWriter.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/Sample.java
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 /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/LocalVariableTypeAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/DefineClassHelper.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/runtime/DotClass.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/runtime/Desc.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/tools/rmi/RemoteRef.java

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* /javassist-3-22-0-cr2-sources-4-jar/javassist/convert/TransformFieldAccess.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/ast/ASTList.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/MemberCodeGen.java
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* /javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/ConstantAttribute.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/compiler/AccessorMaker.java
* /javassist-3-22-0-cr2-sources-4-jar/javassist/util/proxy/SerializedProxy.java
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/javassist-3-22-0-cr2-sources-4-jar/javassist/bytecode/annotation/CharMemberValue.java
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1.154 commons-lang3 3.11

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* /javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/ConstPool.java
* /javassist-3-27-0-ga-sources-1-jar/javassist/bytecode/analysis/MultiType.java
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* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sr/BasicStreamReader.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/FullDTDReader.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sr/StreamScanner.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/EncodingXmlWriter.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/BaseStreamWriter.java
*
 /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/XmlWriter.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DTDValidator.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/MinimalDTDReader.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DTDTypingNonValidator.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sr/InputElementStack.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/ISOLatin1XmlWriter.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DTDEventListener.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sr/NsDefaultProvider.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sr/TypedStreamReader.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/BufferingXmlWriter.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/ReaderBootstrapper.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/ISOLatinReader.java
*
 /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sr/NsInputElementStack.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DTDValidatorBase.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/AsciiXmlWriter.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/TypedStreamWriter.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/WstxInputSource.java

* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sw/XmlWriterWrapper.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/DTDSubsetImpl.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/sr/AttributeCollector.java
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* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/stax/WstxEventFactory.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/evt/DefaultEventAllocator.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/AsciiReader.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/EBCDICCodec.java
*
 /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/UTF8Reader.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/UTF32Reader.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/exc/WstxException.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/exc/WstxLazyException.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/util/BaseNsContext.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/dtd/PrefixedNameSet.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/io/WstxInputData.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/util/PrefixedName.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/evt/BaseStartElement.java
* /woodstox-core-asl-4-0-11-sources-3-jar/com/ctc/wstx/ent/EntityDecl.java

1.164 woodstox-core 5.1.0

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1.165 stax 3.1.4

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* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2WriterAdapter.java
* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2WriterImpl.java
* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2ReaderImpl.java
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* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/typed/Base64Variant.java
* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/typed/Base64Variants.java

* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/XMLStreamReader2.java
* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/typed/TypedXMLStreamReader.java
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* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/AsciiValueEncoder.java
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* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/CharArrayBase64Decoder.java
* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/StringBase64Decoder.java
* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/util/StreamWriterDelegate.java
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 /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/typed/NumberUtil.java
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* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/Stax2Util.java
* /stax2-api-3-1-4-sources-jar/org/codehaus/stax2/ri/dom/DOMWrappingWriter.java

1.166 reactive-streams 1.0.0

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1.167 scala-reflect 2.11.12

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 *
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 *
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 * [[http://docs.scala-lang.org/overviews/reflection/environment-universes-mirrors.html Reflection Guide:
Universes]]
 * for more details.
 */
```

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1.168 go-yaml 2.4.0

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1.169 mongodb-driver 3.6.4

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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/ListCollectionsIterableImpl.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/ListIndexesIterableImpl.java
*
/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/ListIndexesIterable.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSUploadStream.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterable.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/package-info.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
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* /mongodb-driver-3-6-4-sources-1-jar/org/bson/EmptyBSONCallback.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/BSONCallback.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionFindAndModifyOptions.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionDistinctOptions.java
*
 /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBObjectCollationHelper.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/LazyDBList.java
*
 /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionUpdateOptions.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/BasicBSONDecoder.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/Util.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoIterable.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/InsertRequest.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/util/Function.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/QueryBuilder.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBObjectFactory.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/gridfs/GridFS.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/package-info.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBDecoderFactory.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/Cursor.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/io/Bits.java
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 /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/WriteResult.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBCallback.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBCallbackFactory.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BasicDBObjectFactory.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/util/package-info.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/UnacknowledgedBulkWriteResult.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/ParallelScanOptions.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/LazyDBCallback.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/LazyBSONObject.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/RemoveRequest.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoderFactoryAdapter.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/BSON.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MongoBatchCursorAdapter.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBAddress.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MongoURI.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/gridfs/GridFSInputFile.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/QueryOperators.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/util/ComputingMap.java
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 /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/ClassMapBasedObjectSerializer.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/LazyBSONList.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/gridfs/GridFSDBFile.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBDecoderAdapter.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/util/ClassMap.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/BSONEncoder.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MongoClientURI.java

* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/FindIterableImpl.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoder.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/gridfs/package-info.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/JSONParseException.java
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/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteException.java
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*
/mongodb-driver-3-6-4-sources-1-jar/com/mongodb/AggregationOutput.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/ReplaceRequest.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MongoCursorAdapter.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/BasicBSONEncoder.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BulkUpdateRequestBuilder.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBDecoder.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/LazyDBDecoder.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/util/ClassAncestry.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBObjects.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoderFactory.java

* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BasicDBList.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/MapReduceOutput.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteResult.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/ReflectionDBObject.java
*
 /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/gridfs/GridFSFile.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/DistinctIterableImpl.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/DistinctIterable.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/AggregateIterable.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/client/MapReduceIterable.java
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* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/JSON.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/OperationExecutor.java
* /mongodb-driver-3-6-4-sources-1-jar/com/mongodb/util/JSONSerializers.java
* /mongodb-driver-3-6-4-sources-1-jar/org/bson/types/StringRangeSet.java

1.170 bson 3.6.4

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* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodecImpl.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModelSerializationImpl.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyCodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonId.java
*
 /bson-3-6-4-sources-1-jar/org/bson/diagnostics/SLF4JLogger.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BigDecimalCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonReaderMark.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeWithTypeParameters.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/CollectionPropertyCodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertySerialization.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/diagnostics/JULLogger.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/MapPropertyCodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonDiscriminator.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonProperty.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyCodecRegistry.java
* /bson-3-6-4-sources-1-jar/org/bson/diagnostics/Logger.java

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* /bson-3-6-4-sources-1-jar/org/bson/json/ShellRegularExpressionConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonNullConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonInt32Converter.java
*
 /bson-3-6-4-sources-1-jar/org/bson/json/JsonDoubleConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellUndefinedConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellDateTimeConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonStringConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellMinKeyConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonRegularExpressionConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellBinaryConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonInt64Converter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonSymbolConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/DateTimeFormatter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellTimestampConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellInt64Converter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonTimestampConverter.java
*
 /bson-3-6-4-sources-1-jar/org/bson/json/StrictJsonWriter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellObjectIdConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellMaxKeyConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonJavaScriptConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonMinKeyConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonObjectIdConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonInt64Converter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ShellDecimal128Converter.java
```

* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonUndefinedConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonDateTimeConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonDateTimeConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/StrictCharacterStreamJsonWriterSettings.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonRegularExpressionConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonDateTimeConverter.java
*
 /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonDecimal128Converter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonBooleanConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonBinaryConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonMaxKeyConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonDoubleConverter.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonInt32Converter.java
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* /bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecRegistries.java
* /bson-3-6-4-sources-1-jar/org/bson/conversions/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/assertions/package-info.java
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 /bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/Optional.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonValueCodec.java
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* /bson-3-6-4-sources-1-jar/org/bson/io/BasicOutputBuffer.java
* /bson-3-6-4-sources-1-jar/org/bson/io/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonInt32Codec.java
*
 /bson-3-6-4-sources-1-jar/org/bson/codecs/PatternCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/Encoder.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/MapCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonRegularExpressionCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/io/OutputBuffer.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonObjectIdCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDoubleCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/MapCodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonMaxKeyCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/StringCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonWriterSettings.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/DocumentCodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/MaxKeyCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/Codec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/DocumentCodec.java
*
 /bson-3-6-4-sources-1-jar/org/bson/codecs/DoubleCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/types/Code.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonArrayCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonTokenType.java
* /bson-3-6-4-sources-1-jar/org/bson/types/CodeWithScope.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/CollectibleCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/io/ByteBufferBsonInput.java
* /bson-3-6-4-sources-1-jar/org/bson/Transformer.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDBPointerCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonScanner.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/Decoder.java

* /bson-3-6-4-sources-1-jar/org/bson/codecs/IdGenerator.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/ChildCodecRegistry.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/ObjectIdCodec.java
*
 /bson-3-6-4-sources-1-jar/org/bson/BsonContextType.java
* /bson-3-6-4-sources-1-jar/org/bson/types/ObjectId.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonStringCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonNullCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonInvalidOperationException.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/ObjectIdGenerator.java
* /bson-3-6-4-sources-1-jar/org/bson/diagnostics/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/io/BsonOutput.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonBinaryCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/CodeCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/LongCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDocumentCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/types/MaxKey.java
* /bson-3-6-4-sources-1-jar/org/bson/types/Symbol.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonMode.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonSerializationException.java
*
 /bson-3-6-4-sources-1-jar/org/bson/BsonBinaryWriterSettings.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/DecoderContext.java
* /bson-3-6-4-sources-1-jar/org/bson/BSONException.java
* /bson-3-6-4-sources-1-jar/org/bson/io/BsonInput.java
* /bson-3-6-4-sources-1-jar/org/bson/json/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonMinKeyCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonBuffer.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonTypeClassMap.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonBooleanCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/StringUtils.java
* /bson-3-6-4-sources-1-jar/org/bson/NoOpFieldNameValidator.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonTimestampCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDateTimeCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/DateCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonWriterSettings.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/RawBsonDocumentCodec.java
*
 /bson-3-6-4-sources-1-jar/org/bson/types/MinKey.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/CodeWithScopeCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BinaryCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/MinKeyCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/UuidCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonBinarySubType.java
* /bson-3-6-4-sources-1-jar/org/bson/types/package-info.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/IntegerCodec.java
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* /bson-3-6-4-sources-1-jar/org/bson/BsonNumber.java

* /bson-3-6-4-sources-1-jar/org/bson/FieldNameValidator.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonJavaScriptCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonElement.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/ProvidersCodecRegistry.java
* /bson-3-6-4-sources-1-jar/org/bson/types/Binary.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/EncoderContext.java
*
 /bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecRegistry.java
* /bson-3-6-4-sources-1-jar/org/bson/json/JsonParseException.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDocumentWrapperCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonJavaScriptWithScopeCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonSymbolCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/configuration/LazyCodec.java
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* /bson-3-6-4-sources-1-jar/org/bson/json/JsonToken.java
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* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/EnumPropertyCodecProvider.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/FallbackPropertyCodecProvider.java
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* /bson-3-6-4-sources-1-jar/org/bson/codecs/UuidCodecProvider.java
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* /bson-3-6-4-sources-1-jar/org/bson/codecs/FloatCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonBinaryReader.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/ByteCodec.java
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* /bson-3-6-4-sources-1-jar/org/bson/codecs/BsonDecimal128Codec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/IterableCodec.java
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* /bson-3-6-4-sources-1-jar/org/bson/ByteBufNIO.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonInt64.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonJavaScript.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonBinary.java
*
 /bson-3-6-4-sources-1-jar/org/bson/BsonMaxKey.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonBoolean.java
* /bson-3-6-4-sources-1-jar/org/bson/RawBsonDocument.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonDateTime.java
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* /bson-3-6-4-sources-1-jar/org/bson/BsonInt32.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonTimestamp.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonDocumentWrapper.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonSymbol.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonNull.java
* /bson-3-6-4-sources-1-jar/org/bson/BsonString.java
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* /bson-3-6-4-sources-1-jar/org/bson/codecs/CharacterCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/AtomicBooleanCodec.java
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* /bson-3-6-4-sources-1-jar/org/bson/BsonValue.java
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* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreator.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/Conventions.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/Convention.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyMetadata.java
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 /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyAccessor.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorImpl.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionDefaultsImpl.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyReflectionUtils.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeData.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/DiscriminatorLookup.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonIgnore.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/NumberCodecHelper.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionAnnotationImpl.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyAccessorImpl.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/LazyPojoCodec.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorFactory.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/AutomaticPojoCodec.java
*
 /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoBuilderHelper.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreatorFactoryImpl.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModelBuilder.java

* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/ClassModel.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonCreator.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/ClassModelBuilder.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModel.java
* /bson-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeParameterMap.java

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Source Code

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* https://github.com/eclipse-ee4j/jaxrs-api

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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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TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work

which has been distributed
under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
and installation of the library.

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent
of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact
all the notices that refer to this License and to the absence of any
warranty; and distribute a copy of this License along with the
Library.

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.

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.

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.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the

Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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.

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.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

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11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute
the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system;
it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if

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13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

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DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year>
<name of author>

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

This library 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 Library General Public License for more details.

You should have received a copy of the GNU Library 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!

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Version 3, 29 June 2007

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Preamble

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The licenses for most software and other practical works are designed
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the GNU General Public License is intended to guarantee your freedom to
share and change all versions of a program--to make sure it remains free
software for all its users. We, the Free Software Foundation, use the
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any other work released this way by its authors. You can apply it to
your programs, too.

When we speak of free software, we are referring to
freedom, 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
them if you wish), that you receive source code or can get it if you
want it, that you can change the software or use pieces of it in new
free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you
these rights or asking you to surrender the rights. Therefore, you have
certain responsibilities if you distribute copies of the software, or if
you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether
gratis or for a fee, you must pass on to the recipients the same
freedoms that you received. You must make sure that they, too, receive
or can get the source code. And you must show them these terms so they
know their rights.

Developers that use the GNU GPL protect your rights with two steps:
(1)
assert copyright on the software, and (2) offer you this License
giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains

that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand
ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

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.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees"
and
"recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. 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.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to

control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological

measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately
publish on each copy an appropriate copyright notice;
keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

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:

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 4 to
"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, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not

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, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

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:

a) 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.

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.

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.

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, family,
or household purposes, or (2) anything designed or sold for incorporation
into a dwelling. In determining whether a product is a consumer product,
doubtful cases shall be resolved in favor of coverage. For a particular
product received by a particular user, "normally used" refers to a
typical or common use of that class of product, regardless of the status
of the particular user or of the way in which the particular user
actually uses, or expects or is expected to use, the product. A product
is a consumer product regardless of whether the product has substantial
commercial, industrial or non-consumer uses, unless such uses represent
the only significant mode of use of the product.

"Installation Information" for a User Product means any methods,
procedures, authorization
keys, or other information required to install
and execute modified versions of a covered work in that User Product from
a modified version of its Corresponding Source. The information must
suffice to ensure that the continued functioning of the modified object
code is in no case prevented or interfered with solely because
modification has been made.

If you convey an object code work under this section in, or with, or

specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in
ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

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1.183 mergo 0.3.10

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fields:
  site: string
  author: root

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1. Seti UI - A subtle dark colored UI theme for Atom. (https://github.com/jesseweed/seti-ui)

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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/model/GridFSFile.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/HexUtils.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSUploadStreamImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSDownloadStreamImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoGridFSException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSBucket.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSBucketImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSDownloadStream.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/InsertOneOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/model/package-info.java
*
/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/model/GridFSUploadOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/IndexOptionDefaults.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSBuckets.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/ValidationAction.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/model/GridFSDownloadByNameOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/ValidationOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSUploadStream.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/GridFSFindIterable.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellBinaryConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonDoubleConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonNullConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonInt32Converter.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonRegularExpressionConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellMaxKeyConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonSymbolConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonDateTimeConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonDoubleConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonInt64Converter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonMaxKeyConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellObjectIdConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellDecimal128Converter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellMinKeyConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellDateTimeConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonJavaScriptConverter.java
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 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellUndefinedConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonRegularExpressionConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellInt64Converter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonObjectIdConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonUndefinedConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonInt32Converter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/StrictJsonWriter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonDateTimeConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/LegacyExtendedJsonBinaryConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/RelaxedExtendedJsonInt64Converter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonDateTimeConverter.java
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 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonStringConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellTimestampConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonDoubleConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/DateTimeFormatter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonMinKeyConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ShellRegularExpressionConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonBooleanConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/StrictCharacterStreamJsonWriterSettings.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonDecimal128Converter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonTimestampConverter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/ExtendedJsonBinaryConverter.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoTimeoutException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoDatabase.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BasicDBObject.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ChangeListener.java
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 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/UpdateOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/StreamFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BasicBSONEncoder.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/util/ObjectSerializer.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/SocketStreamFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/BaseQueryMessage.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/connection/IndexMap.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/MapCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoWaitQueueFullException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ServerType.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ListDatabasesOperation.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteResult.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/UnacknowledgedBulkWriteResult.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BasicDBObjectBuilder.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonParseException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/annotations/package-info.java
* /mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/internal/validator/CollectibleDocumentFieldNameValidator.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoClientURI.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ConnectionPoolSettings.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/netty/NettyBufferProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonDBPointerCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/CodeWithScope.java
*

/mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonSerializationException.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/LongCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ReplaceRequest.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/bulk/BulkWriteUpsert.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AsyncOperationExecutor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/QueryOperators.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ClusterType.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/util/JSONParseException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBCallback.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/DecoderContext.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/AsyncClusterBinding.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BasicBSONDecoder.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/selector/ServerAddressSelector.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonNullCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/X509Authenticator.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ProtocolExecutor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ClusterId.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DistinctOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/MapReduceHelper.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/MaxKeyCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AggregateExplainOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionUpdateOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonDoubleCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/diagnostics/logging/Logger.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/validator/MappedFieldNameValidator.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/io/Bits.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ConnectionId.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoder.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/ReadBinding.java
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/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoSocketWriteException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ServerMonitor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DuplicateKeyException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ServerMonitorFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ConnectionString.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/diagnostics/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonMode.java

* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/AbstractReferenceCounted.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/gridfs/GridFS.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BasicDBObjectFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/CommandResultCallback.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/NativeAuthenticator.java
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 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BSONEncoder.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/CodeWScope.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionListener.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteError.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonBuffer.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/LazyBSONDecoder.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/management/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/CollectibleCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/IntegerCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/bulk/DeleteRequest.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonRegularExpressionCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/UuidCodec.java
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 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/RenameCollectionOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ExplainVerbosity.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/Function.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/ReplaceOneModel.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionPoolListener.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/WriteConcernResult.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/io/ByteBufferBsonInput.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonDateTimeCodec.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/SendMessageCallback.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DocumentHelper.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonBinaryCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/MapCodecProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoderFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonDocumentCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/Authenticator.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/WriteRequest.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DefaultDBDecoder.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/InsertOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/StringCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/MessageSettings.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/BulkWriteException.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/InsertRequest.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/bulk/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/connection/PowerOfTwoBufferPool.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DeleteManyModel.java
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/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/PlainAuthenticator.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/io/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/MinKey.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ReplyMessage.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/AsyncWriteBinding.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/QueryResult.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BSONDecoder.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/ByteArrayCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/FindAndReplaceOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AggregateOperation.java
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/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/validator/NoOpFieldNameValidator.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/ObjectIdCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/UsageTrackingInternalConnection.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/GroupOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/util/ComputingMap.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ReadOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DefaultDBCallback.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/SingleServerBinding.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/StringUtils.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ConnectionPool.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/MapReduceAction.java
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/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ReflectionDBObject.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoCursorNotFoundException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/LazyDBDecoder.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ServerCursor.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoInternalException.java
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 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/AcknowledgedBulkWriteResult.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoNamespace.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/Cursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/UpdateRequest.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonWriterSettings.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/validator/UpdateFieldNameValidator.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBEncoderFactoryAdapter.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoInterruptedException.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/Binary.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BSONException.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/util/Function.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/BSONTimestamp.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/util/ClassAncestry.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoBulkWriteException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoQueryException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/async/AsyncBatchCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/bulk/WriteConcernError.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/MapReduceInlineResultsCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ClusterFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ClusterConnectionMode.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/FindIterable.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/codecs/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionRemoveOptions.java

*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/model/GridFSDownloadOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/Collation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoDriverInformation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionDistinctOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionCountOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionFindAndModifyOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/CollationAlternate.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCollectionFindOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/CollationStrength.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBObjectCollationHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/CollationCaseFirst.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CreateCollectionOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/OperationHelper.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonValue.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DropUserOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoCollectionImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/UserOperationHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DropCollectionOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CreateUserOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDocumentWriter.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/MapReduceToCollectionOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/GraphLookupOptions.java

* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DropIndexOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AggregateToCollectionOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoDatabaseImpl.java
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 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoClientOptions.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/AbstractBsonWriter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonType.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CreateIndexesOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/DropDatabaseOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBCollection.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/MessageHeader.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/MapPropertyCodecProvider.java
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 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/CollectionPropertyCodecProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/diagnostics/Logger.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/diagnostics/JULLogger.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeWithTypeParameters.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BigDecimalCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertySerialization.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonProperty.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonDiscriminator.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonReaderMark.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodecImpl.java
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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
   */
```

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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBCollectionObjectFactory.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBObjectCodec.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/session/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DropIndexOptions.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ClientSessionOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyCodecRegistryImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/FallbackPropertyCodecProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/session/ServerSessionPool.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/EnumPropertyCodecProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionSetPrivateFieldImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/CreateIndexOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionUseGettersAsSettersImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/session/ClientSessionContext.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/ListDatabasesIterable.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/package-info.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/CommandListenerMulticaster.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ListCollectionsIterableImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/IndexHelper.java
* /mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/connection/AsynchronousSocketChannelStreamFactoryFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/codecs/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/Position.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/bulk/IndexRequest.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/AtomicLongCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/StreamFactoryFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/conversions/Bson.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/ListCollectionsIterable.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/Point.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/CharacterCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/Polygon.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/AsyncSingleConnectionReadBinding.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/IndexModel.java
* /mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/geojson/NamedCoordinateReferenceSystem.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/Geometry.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ListDatabasesIterableImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/AtomicIntegerCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/codecs/PolygonCodec.java
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 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/GeoJsonObjectType.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/CoordinateReferenceSystem.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/CompositeByteBuf.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/QueryHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/AtomicBooleanCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/SingleConnectionReadBinding.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/LineString.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/codecs/GeometryDecoderHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/selector/WritableServerSelector.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/ListIndexesIterable.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/annotations/ThreadSafe.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/annotations/Immutable.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/annotations/NotThreadSafe.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/CreateViewOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionRemovedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionCheckedOutEvent.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionAddedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/Converter.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionPoolWaitQueueEnteredEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/jndi/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonTypeCodecMap.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/CommandEventMulticaster.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionClosedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionPoolClosedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/Time.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionPoolWaitQueueExitedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/CreateViewOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/DBCreateViewOptions.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/WriteConcernHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionCheckedInEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerMonitorEventMulticaster.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ConnectionOpenedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoConfigurationException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerEventMulticaster.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/jndi/MongoClientFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/connection/SniSslHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/connection/Java8SniSslHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/StrictCharacterStreamJsonWriter.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/Tag.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoNotPrimaryException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoWriteConcernException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/TagSet.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/binding/AbstractReferenceCounted.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoNodeIsRecoveringException.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoWriteException.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerOpeningEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerMonitorListener.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerHeartbeatStartedEvent.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerListener.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerClosedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerDescriptionChangedEvent.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDecimal128.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonDecimal128Codec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AsyncSingleBatchQueryCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/BucketAutoOptions.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/Decimal128.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/BucketOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/Decimal128Codec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/IterableCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerHeartbeatSucceededEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/Field.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/Facet.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/BucketGranularity.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/OperationExecutor.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/diagnostics/Loggers.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/OperationExecutor.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonReader.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DocumentToDBRefTransformer.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/types/StringRangeSet.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/util/JSON.java

* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecConfigurationException.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDouble.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/RequestMessage.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonJavaScript.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/WriteProtocol.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/FindOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/FindOneAndReplaceOptions.java

* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonBinary.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonSymbol.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonString.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/FindOneAndUpdateOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/ByteBuf.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DefaultServerConnection.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonObjectId.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/KillCursorProtocol.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/InsertMessage.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/KillCursorsMessage.java
*
/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DeleteProtocol.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/ByteBufNIO.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ListCollectionsOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonBoolean.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ProtocolHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDbPointer.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/GetMoreMessage.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/QueryProtocol.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/GetMoreProtocol.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/UpdateProtocol.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonMaxKey.java
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/mongo-java-driver-3-6-4-sources-1-jar/org/bson/RawBsonDocument.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDocumentWrapper.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/MongoCollection.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/FindOneAndDeleteOptions.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DBCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DefaultClusterFactory.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ListIndexesOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonJavaScriptWithScope.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ByteBufferBsonOutput.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/netty/NettyByteBuf.java
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/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/Mongo.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonMinKey.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDateTime.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonNull.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonDocument.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonRegularExpression.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/InsertProtocol.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonTimestamp.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonArray.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DeleteMessage.java

* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/UpdateMessage.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ClassModel.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeData.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/MixedBulkWriteOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerMonitorListenerAdapter.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/CommandListenerMulticaster.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModelBuilder.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/BulkWriteBatch.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonCreator.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/codecs/GeometryCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/BsonWriterHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/BaseFindAndModifyOperation.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ServerListenerAdapter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/AutomaticPojoCodec.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/OperationType.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/ChangeStreamIterableImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/EventListenerHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ConventionAnnotationImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoIterableImpl.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/SplittablePayloadBsonWriter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoBuilderHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ChangeStreamBatchCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/DiscriminatorLookup.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/InstanceCreator.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/ServerMonitorListenerMulticaster.java
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 /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PojoCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/LevelCountingBsonWriter.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/ClassModelBuilder.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoChangeStreamException.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/LazyPojoCodec.java
* /mongo-java-driver-3-6-4-sources-1-
jar/com/mongodb/client/model/changestream/ChangeStreamDocumentCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/PropertyModel.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/UpdateDescription.java

* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/annotations/BsonIgnore.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AsyncChangeStreamBatchCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/NumberCodecHelper.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/ChangeStreamDocument.java
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 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/internal/event/ClusterListenerMulticaster.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ClusterClockAdvancingSessionContext.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/changestream/FullDocument.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/pojo/TypeParameterMap.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/SplittablePayload.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ElementExtendingBsonWriter.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/geojson/codecs/AbstractGeometryCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ReadConcernHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/ChangeStreamOperation.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonUndefinedCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/UuidCodecHelper.java
*
/mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/WriteError.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/UuidRepresentation.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/ShortCodec.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/AbstractBsonReader.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BsonReader.java
*
 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/AsyncQueryBatchCursor.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/FloatCodec.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/package-info.java
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 /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/async/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/operation/BsonArrayWrapper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/DistinctIterable.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecRegistries.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/assertions/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/configuration/CodecCache.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/MapReduceIterable.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/configuration/package-info.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/result/package-info.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/netty/package-info.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/model/ReturnDocument.java

* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/configuration/MapOfCodecsProvider.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/client/AggregateIterable.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ClusterDescriptionChangedEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/MongoCredential.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonToken.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ClusterEventMulticaster.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DescriptionHelper.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/netty/NettyStream.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/DefaultServer.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/event/ClusterListenerAdapter.java
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* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/json/JsonWriter.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ServerDescription.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/codecs/BsonValueCodecProvider.java
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* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/DB.java
* /mongo-java-driver-3-6-4-sources-1-jar/com/mongodb/connection/ChangeEvent.java
* /mongo-java-driver-3-6-4-sources-1-jar/org/bson/BasicBSONCallback.java
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1.186 scala-compiler 2.11.12

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/**
*   Post-attribution checking and transformation.
*
*
*   This phase performs the following checks.
*
*
*   All overrides conform to rules.
*   All type arguments conform to bounds.
*   All type variable uses conform to variance annotations.
*   No forward reference to a term symbol extends beyond a value definition.
*
*
*   It performs the following transformations.
*
*
*   Local modules are replaced by variables and classes
*   Calls to case factory methods are replaced by new's.
*   Eliminate branches in a conditional if the condition is a constant
*
*
* @author Martin Odersky
* @version 1.0
*
* @todo   Check whether we always check type parameter bounds.
*/

Found in path(s):
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/typechecker/RefChecks.scala
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*/

Found in path(s):
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/ZipArchiveFileLookup.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/FlatClassPathFactory.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/util/ClassFileLookup.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/ClassPathMemoryConsumptionTester.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/FileUtils.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/ZipAndJarFileLookupFactory.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/AggregateFlatClassPath.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/PackageNameUtils.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/ClassPathFactory.scala
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/FlatClassPath.scala
*
 /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/classpath/DirectoryFlatClassPath.scala
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Found in path(s):
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/doc/html/resource/lib/raphael-min.js
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/*
* tools.tooltip 1.1.3 - Tooltips done right.
*
* Copyright (c) 2009 Tero Piirainen
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*
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*
* Launch : November 2008
* Date: ${date}
* Revision: ${revision}
*/

Found in path(s):
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/** The main attribution phase.
*/

Found in path(s):
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/typechecker/Analyzer.scala
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/**
* @preserve jquery.layout 1.3.0 - Release Candidate 30.62
* $Date: 2012-08-04 08:00:00 (Thu, 23 Aug 2012) $
* $Rev: 303006 $
*
* Copyright (c) 2012
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*   Kevin Dalman (http://allpro.net)
*
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*
* Changelog: http://layout.jquery-dev.net/changelog.cfm#1.3.0.rc30.62
* NOTE: This is a short-term release to patch a couple of bugs.
* These bugs are listed as officially fixed in RC30.7, which will be released shortly.
*
* Docs: http://layout.jquery-dev.net/documentation.html
* Tips: http://layout.jquery-dev.net/tips.html
* Help: http://groups.google.com/group/jquery-ui-layout
*/

Found in path(s):
* /scala-compiler-2-11-12-sources-4-jar/scala/tools/nsc/doc/html/resource/lib/jquery.layout.js

1.187 python-setuptools 45.2.0-1

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1.188 ecj 22

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1.197 parse 1.19.0

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1.198 pyaci 0.6.0

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1.199 scp 0.13.3

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1.200 pymongo 3.9.0

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1.201 nested-lookup 0.2.21

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1.202 runc v1.0.0-rc9

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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
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releases have also been GPL-compatible; the table below summarizes
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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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* Ioannis Tziakos <mail@itziakos.gr>
 * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
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 (through Jess Shapiro) <jshapiro@akamai.com>
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 regardless of case when redirecting to cross-site

* James Meickle <https://permadeath.com/>
 * Improve handling of Retry-After header

* Chris Jerdonek <chris.jerdonek@gmail.com>
 * Remove a spurious TypeError from the exception chain inside
   HTTPConnectionPool._make_request(), also for BaseExceptions.

* Jorge Lopez Silva <https://github.com/jalopezsilva>
 * Added support for forwarding requests through HTTPS proxies.

* Benno Rice <benno@jeamland.net>
 * Allow cadata parameter to be passed to underlying ``SSLContext.load_verify_locations()``.

* Keiichi Kobayashi <abok.1k@gmail.com>
 * Rename VerifiedHTTPSConnection to HTTPSConnection

* Himanshu Garg <garg_himanshu@outlook.com>
 * DOC & LICENSE Update

* Hod Bin Noon <bin.noon.hod@gmail.com>
 * Test improvements

* Chris Olufson <tycarac@gmail.com>
 * Fix for connection not being released on HTTP redirect and response not preloaded

* [Bastiaan Bakker] <https://github.com/bastiaanb>
 * Support for logging session keys
 via environment variable ``SSLKEYLOGFILE`` (Python 3.8+)

* [Ezzeri Esa] <https://github.com/savarin>
 * Ports and extends on types from typeshed

* [Your name or handle] <[email or website]>
 * [Brief summary of your changes]
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1.205 urllib3 1.25.8

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SOFTWARE.
Contributions to the urllib3 project

Creator & Maintainer

* Andrey Petrov <andrey.petrov@shazow.net>

Contributors

In chronological order:

* victor.vde <http://code.google.com/u/victor.vde/>
 * HTTPS patch (which inspired HTTPSConnectionPool)

* erikcederstrand <http://code.google.com/u/erikcederstrand/>
 * NTLM-authenticated HTTPSConnectionPool
 * Basic-authenticated HTTPSConnectionPool (merged into make_headers)

* niphlod <niphlod@gmail.com>
 * Client-verified SSL certificates for HTTPSConnectionPool
 * Response gzip and deflate encoding support
 * Better unicode support for filepost using StringIO buffers

* btoconnor <brian@btoconnor.net>
 * Non-multipart encoding for POST requests

* p.dobrogost <http://code.google.com/u/@WBRSRlBZDhBFXQB6/>
 * Code review, PEP8 compliance, benchmark fix

* kennethreitz <me@kennethreitz.com>
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* [Your name or handle] <[email or website]>
 * [Brief summary of your changes]

1.206 python-certifi 2019.11.28

1.206.1 Available under license :

This packge contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
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:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.207 python-pip 20.0.2

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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	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
3.2.2	3.2.1	2011	PSF	yes
3.3	3.2	2012	PSF	yes

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- Wichert Akkerman, 2012/02/02

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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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Release	Derived	Year	Owner	GPL-

	from			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
2.7	2.6	2010	PSF	yes

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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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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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1.208 cffi 1.14.4

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1.209 contextlib2 0.6.0

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==========

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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 that included the contextlib module.

Release	Derived from	Year	Owner	GPL-compatible? (1)
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	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
3.2.2	3.2.1	2011	PSF	yes
3.3	3.2			
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1.210 python-certifi 2020.12.5

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
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:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore

can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.211 click 7.1.2

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.. _contrib:

==========
click-contrib
==========

As the userbase of Click grows, more and more major feature requests pop up in
Click's bugtracker. As reasonable as it may be for those features to be bundled
with Click instead of being a standalone project, many of those requested
features are either highly experimental or have unproven practical use, while
potentially being a burden to maintain.

This is why click-contrib_ exists. The GitHub organization is a collection of
possibly experimental third-party packages whose featureset does not belong
into Click, but also a playground for major features that may be added to Click
in the future. It is also meant to coordinate and concentrate effort on writing
third-party extensions for Click, and to ease the effort of searching for such
extensions. In that sense it could be described as a low-maintenance
alternative to extension repositories of other frameworks.

Please

note that the quality and stability of those packages may be different
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binary only, patch it back to the system, and then use a wrapper

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```
import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
  readme = f.read()

with io.open("src/click/__init__.py", "rt", encoding="utf8") as f:
  version = re.search(r'__version__ = "(.*?)"', f.read()).group(1)

setup(
  name="click",
  version=version,
  url="https://palletsprojects.com/p/click/",
  project_urls={
     "Documentation": "https://click.palletsprojects.com/",
     "Code": "https://github.com/pallets/click",
     "Issue tracker": "https://github.com/pallets/click/issues",
  },
  license="BSD-3-Clause",
  maintainer="Pallets",
  maintainer_email="contact@palletsprojects.com",
  description="Composable command line interface toolkit",
  long_description=readme,
```

```
  packages=find_packages("src"),
  package_dir={"": "src"},
  include_package_data=True,
  python_requires=">=2.7, !=3.0.*,
!=3.1.*, !=3.2.*, !=3.3.*, !=3.4.*",
  classifiers=[
      "Development Status :: 5 - Production/Stable",
      "Intended Audience :: Developers",
      "License :: OSI Approved :: BSD License",
      "Operating System :: OS Independent",
      "Programming Language :: Python",
      "Programming Language :: Python :: 2",
      "Programming Language :: Python :: 3",
  ],
)
```

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1.212 cffi 1.14.5

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1.213 pbr 5.5.1

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1.214 python-requests 2.25.1

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* markupsafe._speedups
* ~~~~~~~~~~~~~~~~~~~~
*
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1.224 itsdangerous 1.1.0

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.. rst-class:: hide-header

itsdangerous
============

.. image:: _static/itsdangerous-logo.png
   :align: center

:target: https://palletsprojects.com/p/itsdangerous/

Sometimes you just want to send some data to untrusted environments. But how to do this safely? The trick involves signing. Given a key only you know, you can cryptographically sign your data and hand it over to someone else. When you get the data back you can easily ensure that nobody tampered with it.

Granted, the receiver can decode the contents and look into the package, but they can not modify the contents unless they also have your secret key. So if you keep the key secret and complex, you will be fine.

Internally itsdangerous uses HMAC and SHA-512 for signing by default. The initial implementation was inspired by `Django's signing module <https://docs.djangoproject.com/en/dev/topics/signing/>`_. It also supports JSON Web Signatures (JWS).
The library is BSD licensed.

Installing

Install and update using `pip`_:

.. code-block:: text

pip install -U itsdangerous

.. _pip: https://pip.pypa.io/en/stable/quickstart/

Example Use Cases

- You can serialize and sign a user ID in a URL and email it to them to unsubscribe from a newsletter. This way you don't need to generate one-time tokens and store them in the database. Same thing with any kind of activation link for accounts and similar things.
- Signed objects can be stored in cookies or other untrusted sources which means you don't need to have sessions stored on the server, which reduces the number of necessary database queries.
- Signed information can safely do a roundtrip between server and client in general which makes them useful for passing server-side state to a client and then back.

Table of Contents

```
.. toctree::

   signer
   serializer
   exceptions
   timed

  url_safe
   jws
   encoding
   license
   changes
```

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```
import io
import re

from setuptools import find_packages
from setuptools import setup

with io.open("README.rst", "rt", encoding="utf8") as f:
   readme = f.read()

with io.open("src/itsdangerous/__init__.py", "rt", encoding="utf8") as f:
   version = re.search(r"__version__ = \"(.*?)\"", f.read()).group(1)

setup(
   name="itsdangerous",
   version=version,
   url="https://palletsprojects.com/p/itsdangerous/",
   project_urls={
      "Documentation": "https://itsdangerous.palletsprojects.com/",
      "Code": "https://github.com/pallets/itsdangerous",
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   },
   license="BSD",
   author="Armin Ronacher",
   author_email="armin.ronacher@active-4.com",
   maintainer="Pallets Team",
   maintainer_email="contact@palletsprojects.com",
   description="Various helpers to pass data to untrusted environments and back.",
   long_description=readme,
    packages=find_packages("src"),
   package_dir={"": "src"},
```

```
  include_package_data=True,
  python_requires=">=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*",
  classifiers=[
     "Development Status :: 5 - Production/Stable",
     "Intended Audience :: Developers",
     "License :: OSI Approved :: BSD License",
     "Operating System :: OS Independent",
     "Programming Language :: Python",
     "Programming Language :: Python :: 2",
     "Programming Language :: Python :: 2.7",
     "Programming Language :: Python :: 3",
     "Programming Language :: Python :: 3.4",
     "Programming Language :: Python :: 3.5",
     "Programming Language :: Python :: 3.6",
     "Programming Language :: Python :: 3.7",
  ],
)
```

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1.231 dateparser 1.0.0

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1.233 component-base v0.17.2

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```
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package simulator

import (
 "github.com/vmware/govmomi/object"
 "github.com/vmware/govmomi/vim25/methods"
 "github.com/vmware/govmomi/vim25/mo"
 "github.com/vmware/govmomi/vim25/soap"
 "github.com/vmware/govmomi/vim25/types"
)

// EvalLicense is the default license
var EvalLicense = types.LicenseManagerLicenseInfo{
 LicenseKey: "00000-00000-00000-00000-00000",
 EditionKey: "eval",
 Name:       "Evaluation Mode",
 Properties: []types.KeyAnyValue{
  {
   Key: "feature",
   Value: types.KeyValue{
    Key:   "serialuri:2",
    Value: "Remote virtual Serial Port Concentrator",
   },
  },
  {
   Key: "feature",
   Value: types.KeyValue{
    Key:   "dvs",
    Value: "vSphere Distributed Switch",
   },
  },
 },
}

type LicenseManager struct {
 mo.LicenseManager
}

func NewLicenseManager(ref types.ManagedObjectReference)
 object.Reference {
 m := &LicenseManager{}
 m.Self = ref
 m.Licenses = []types.LicenseManagerLicenseInfo{EvalLicense}

 if Map.IsVPX() {
  am := Map.Put(&LicenseAssignmentManager{}).Reference()
  m.LicenseAssignmentManager = &am
```

```
 }

 return m
}

func (m *LicenseManager) AddLicense(req *types.AddLicense) soap.HasFault {
 body := &methods.AddLicenseBody{
  Res: &types.AddLicenseResponse{},
 }

 for _, license := range m.Licenses {
  if license.LicenseKey == req.LicenseKey {
   body.Res.Returnval = licenseInfo(license.LicenseKey, license.Labels)
   return body
  }
 }

 m.Licenses = append(m.Licenses, types.LicenseManagerLicenseInfo{
  LicenseKey: req.LicenseKey,
  Labels:     req.Labels,
 })

 body.Res.Returnval = licenseInfo(req.LicenseKey, req.Labels)

 return body
}

func (m *LicenseManager) RemoveLicense(req *types.RemoveLicense) soap.HasFault {
 body := &methods.RemoveLicenseBody{
  Res: &types.RemoveLicenseResponse{},
 }

 for i, license := range m.Licenses {
  if
 req.LicenseKey == license.LicenseKey {
   m.Licenses = append(m.Licenses[:i], m.Licenses[i+1:]...)
   return body
  }
 }
 return body
}

func (m *LicenseManager) UpdateLicenseLabel(req *types.UpdateLicenseLabel) soap.HasFault {
 body := &methods.UpdateLicenseLabelBody{}

 for i := range m.Licenses {
  license := &m.Licenses[i]
```

```
 if req.LicenseKey != license.LicenseKey {
  continue
 }

 body.Res = new(types.UpdateLicenseLabelResponse)

 for j := range license.Labels {
  label := &license.Labels[j]

  if label.Key == req.LabelKey {
   if req.LabelValue == "" {
    license.Labels = append(license.Labels[:i], license.Labels[i+1:]...)
   } else {
    label.Value = req.LabelValue
   }
   return body
  }
 }

 license.Labels = append(license.Labels, types.KeyValue{
  Key:   req.LabelKey,
  Value: req.LabelValue,
 })

 return body
}

 body.Fault_ = Fault("", &types.InvalidArgument{InvalidProperty: "licenseKey"})
 return body
}

type LicenseAssignmentManager struct {
 mo.LicenseAssignmentManager
}

func
 (m *LicenseAssignmentManager) QueryAssignedLicenses(req *types.QueryAssignedLicenses) soap.HasFault {
 body := &methods.QueryAssignedLicensesBody{
  Res: &types.QueryAssignedLicensesResponse{},
 }

 // EntityId can be a HostSystem or the vCenter InstanceUuid
 if req.EntityId != "" {
  if req.EntityId != Map.content().About.InstanceUuid {
   id := types.ManagedObjectReference{
    Type:  "HostSystem",
    Value: req.EntityId,
   }
```

```
  if Map.Get(id) == nil {
   return body
  }
 }
}

body.Res.Returnval = []types.LicenseAssignmentManagerLicenseAssignment{
 {
  EntityId:        req.EntityId,
  AssignedLicense: EvalLicense,
 },
}

return body
}

func licenseInfo(key string, labels []types.KeyValue) types.LicenseManagerLicenseInfo {
 info := EvalLicense

 info.LicenseKey = key
 info.Labels = labels

 return info
}
```

1.234 kubernetes-cliruntime v0.17.2

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1.237 vmihailenco-msgpack v4.0.1

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1.238 python-certifi 2020.12.05

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1.239 mongodb 4.4.4

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1.240 slf4j-log4j 1.7.32

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1.241 msgpack 1.0.2

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1.242 cast 1.4.1

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1.243 perks v1.0.1

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1.244 kubernetes-kubectl v1.14.2

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1.245 go-openapi 0.20.0

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1.246 go-autorest 0.9.6

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1.247 prometheus-client 0.7.0

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1.249 go-xerial-snappy 0.0.0-20180814174437-776d5712da21

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1.257 go-cleanhttp 0.5.1

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1.258 modern-go-reflect2 1.0.1

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1.262 ryanuber-go-glob 1.0.0

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1.263 hcl 2.3.0

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1.264 go-cty 1.2.1

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1.274 oklog-run 1.1.0

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1.275 jcmturner-dnsutils 2.0.0

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1.276 josharian-intern 1.0.0

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1.277 rcrowley-go-metrics 0.0.0-20201227073835-cf1acfcdf475

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1.279 json-iterator-go 1.1.11

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1.280 xdg-go-stringprep 1.0.2

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1.281 pbkdf2 1.0.0

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1.282 google-go-cmp 0.5.6

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1.283 go-openapi-jsonpointer 0.19.5

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1.284 rcrowley-go-metrics 0.0.0-20200313005456-10cdbea86bc0

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1.285 x-oauth2 0.0.0-20210402161424-2e8d93401602

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1.286 viper 1.9.0

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1.287 glob-intersection 0.0.0-20180916065949-5c77d914dd0b

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1.288 x-sync 0.0.0-20210220032951-036812b2e83c

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1.289 go-logr-zapr 0.4.0

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1.290 spf13-pflag 1.0.5

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1.291 python-certifi 2021.10.08

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Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
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:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
 $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.292 x-xerrors 0.0.0-20200804184101-5ec99f83aff1

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1.293 xxhash 2.1.1

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1.294 urlesc 0.0.0-20170810143723-de5bf2ad4578

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1.295 golang-lru 0.5.4

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1.297 googleapis-gnostic 0.4.1

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1.298 oklog-ulid 1.3.1

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1.303 grpc-go 1.41.0

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1.304 goadesign-goa 1.4.1

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1.306 kr-fs 0.1.0

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1.307 pkg-sftp 1.13.0

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1.308 xdg-stringprep 1.0.1-0.20180714160509-73f8eece6fdc

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1.309 termbox-go 0.0.0-20160718140619-0723e7c3d0a3

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1.310 x-sys 0.0.0-20200302150141-5c8b2ff67527

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1.311 x-crypto 0.0.0-20190530122614-20be4c3c3ed5

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1.312 aws-sdk-go 1.34.28

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1.313 go.mongodb.org-mongo-driver 1.4.2

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1.314 pkcs8 0.0.0-20181117223130-1be2e3e5546d

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1.315 gopkg.in-tomb 2.0.0-20140626144623-14b3d72120e8

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1.316 klauspost-compress 1.10.1

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1.317 x-mod 0.5.1

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1.318 go-immutable-radix 1.3.1

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1.321 go-isatty 0.0.14

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1.322 gojsonpointer 0.0.0-20190809123943-df4f5c81cb3b

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1.323 toravir-csd 0.0.0-20191029051306-c379ccacd000

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1.331 go-openapi-swag 0.19.15

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1.332 evanphx-json-patch 5.5.0

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1.333 x-term 0.0.0-20210927222741-03fcf44c2211

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1.334 go-retryablehttp 0.7.0

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1.336 namespace 1.4.01

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1.340 golang 1.4.2

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1.341 httprouter 1.3.0

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1.342 k8s.io/utils 0.0.0-20201110183641-67b214c5f920

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1.343 klauspost-compress 1.13.6

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1.344 stack 1.8.1

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1.351 go-jose 2.6.0

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1.352 jwt-go 4.0.0-preview1

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1.364 go.mongodb.org-mongo-driver 1.7.4

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1.365 bits-and-blooms-bitset 1.2.1

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1.366 andreburgaud-crypt2go 0.13.0

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1.367 kubernetes-metrics v0.17.2

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1.368 jarcoal-httpmock 1.0.8

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1.369 hashicorp-go-plugin 1.4.3

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1.373 vault 0.3.0

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1.374 snake-yaml 1.28

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Found in path(s):
* /snakeyaml-1-28-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml
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Manifest-Version: 1.0
Automatic-Module-Name: org.yaml.snakeyaml
Bnd-LastModified: 1613973356620
Build-Jdk: 11.0.10
Built-By: alex13
Bundle-Description: YAML 1.1 parser and emitter for Java
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: SnakeYAML
Bundle-SymbolicName: org.yaml.snakeyaml
Bundle-Version: 1.28.0
Created-By: Apache Maven Bundle Plugin
Export-Package: org.yaml.snakeyaml;version="1.28",org.yaml.snakeyaml.c
omments;version="1.28",org.yaml.snakeyaml.composer;version="1.28",org
.yaml.snakeyaml.constructor;version="1.28",org.yaml.snakeyaml.emitter

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akeyaml.tokens;version="1.28",org.yaml.snakeyaml.util;version="1.28"
Import-Package: org.yaml.snakeyaml;version="[1.28,2)",org.yaml.snakeya
ml.comments;version="[1.28,2)",org.yaml.snakeyaml.composer;version="[
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8,2)",org.yaml.snakeyaml.introspector;version="[1.28,2)",org.yaml.sna
keyaml.nodes;version="[1.28,2)",org.yaml.snakeyaml.parser;version="[1
.28,2)",org.yaml.snakeyaml.reader;version="[1.28,2)",org.yaml.snakeya
ml.resolver;version="[1.28,2)",org.yaml.snakeyaml.scanner;version="[1
.28,2)",org.yaml.snakeyaml.serializer;version="[1.28,2)",org.yaml.sna
keyaml.tokens;version="[1.28,2)"
Require-Capability:
osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.5.0.201709291849

Found in path(s):
* /snakeyaml-1-28-jar/META-INF/MANIFEST.MF

1.375 jackson-databind 2.13.1

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1.376 jackson 2.13.1

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1.377 python-requests 2.27.1

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1.378 gofrs-uuid 3.2.0+incompatible

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1.379 urllib3 1.26.8

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1.380 logr 1.2.2

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1.381 openjdk 1.8.0u322

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1.382 go-openapi-spec 0.20.4

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package spec

import (
 "encoding/json"
 "testing"

 "github.com/stretchr/testify/assert"
)

var license = License{
 LicenseProps:     LicenseProps{Name: "the name", URL: "the url"},
 VendorExtensible: VendorExtensible{Extensions: map[string]interface{}{"x-license": "custom term"}}}

const licenseJSON = `{
 "name": "the name",
 "url": "the url",
 "x-license": "custom term"
}`

func TestIntegrationLicense(t
 *testing.T) {

 // const licenseYAML = "name: the name\nurl: the url\n"

 b, err := json.MarshalIndent(license, "", "\t")
 if assert.NoError(t, err) {
  assert.Equal(t, licenseJSON, string(b))
 }

 actual := License{}
 err = json.Unmarshal([]byte(licenseJSON), &actual)
 if assert.NoError(t, err) {
  assert.EqualValues(t, license, actual)
 }
}
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package spec

import (
 "encoding/json"

 "github.com/go-openapi/swag"
)

// License information for the exposed API.
//
// For more information: http://goo.gl/8us55a#licenseObject
type License struct {
 LicenseProps
 VendorExtensible
}

// LicenseProps holds the properties of a License object
type LicenseProps struct {
 Name string `json:"name,omitempty"`
 URL  string `json:"url,omitempty"`
}

// UnmarshalJSON
 hydrates License from json
func (l *License) UnmarshalJSON(data []byte) error {
 if err := json.Unmarshal(data, &l.LicenseProps); err != nil {
  return err
 }
 return json.Unmarshal(data, &l.VendorExtensible)
}

// MarshalJSON produces License as json
func (l License) MarshalJSON() ([]byte, error) {
 b1, err := json.Marshal(l.LicenseProps)
 if err != nil {
  return nil, err
 }
 b2, err := json.Marshal(l.VendorExtensible)
 if err != nil {
  return nil, err
 }
 return swag.ConcatJSON(b1, b2), nil
}
```

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1.383 ini 1.63.2

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/**
   * Checks if this content model has had its min/maxOccurs values reduced for
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/**
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   * Element Declrations Consistent.
   */
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/traversers/XSDocumentInfo.java
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* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xpath/regex/RangeToken.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/DOMASBuilderImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/html/dom/NameNodeListImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/wml/dom/WMLDOMImplementationImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/io/UCSReader.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XIncludeAwareParserConfiguration.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/RevalidationHandler.java
*
 /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xs/XSValue.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/dom/NodeImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dv/dtd/XML11IDREFDatatypeValidator.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/xni/parser/XMLConfigurationException.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/util/AttributesProxy.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/jaxp/validation/ValidatorImpl.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/parsers/XMLGrammarParser.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/dtd/XMLSimpleType.java
* /xercesimpl-2-12-0-sources-jar/org/apache/xerces/impl/xs/SchemaNamespaceSupport.java
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*/
/**
  * DOM Level 3 LS CR - Experimental.
    * Create a new <code>LSParser</code>. The newly constructed parser may
    *
 then be configured by means of its <code>DOMConfiguration</code>
    * object, and used to parse documents by means of its <code>parse</code>
    *  method.
    * @param mode  The <code>mode</code> argument is either
    *   <code>MODE_SYNCHRONOUS</code> or <code>MODE_ASYNCHRONOUS</code>, if
    *   <code>mode</code> is <code>MODE_SYNCHRONOUS</code> then the
    *   <code>LSParser</code> that is created will operate in synchronous
    *   mode, if it's <code>MODE_ASYNCHRONOUS</code> then the
    *   <code>LSParser</code> that is created will operate in asynchronous
    *   mode.
    * @param schemaType  An absolute URI representing the type of the schema
    *   language used during the load of a <code>Document</code> using the
    *   newly created <code>LSParser</code>. Note that no lexical checking
    *   is done on the absolute URI. In order to create a
    *   <code>LSParser</code> for any kind of schema types (i.e. the
    *   LSParser will be free to use any schema
 found), use the value
    *   <code>null</code>.
    * <p ><b>Note:</b>    For W3C XML Schema [<a href='http://www.w3.org/TR/2001/REC-xmlschema-1-
20010502/'>XML Schema Part 1</a>]
    *   , applications must use the value
    *   <code>"http://www.w3.org/2001/XMLSchema"</code>. For XML DTD [<a
href='http://www.w3.org/TR/2000/REC-xml-20001006'>XML 1.0</a>],
    *   applications must use the value
    *   <code>"http://www.w3.org/TR/REC-xml"</code>. Other Schema languages
    *   are outside the scope of the W3C and therefore should recommend an
    *   absolute URI in order to use this method.
    * @return  The newly created <code>LSParser</code> object. This
    *   <code>LSParser</code> is either synchronous or asynchronous
    *   depending on the value of the <code>mode</code> argument.
    * <p ><b>Note:</b>    By default, the newly created <code>LSParser</code>
    *    does not contain a <code>DOMErrorHandler</code>, i.e. the value of
    *   the "<a href='http://www.w3.org/TR/2003/WD-DOM-Level-3-Core-20030609/core.html#parameter-error-
handler'>
     *   error-handler</a>" configuration parameter is <code>null</code>. However, implementations
    *   may provide a default error handler at creation time. In that case,
    *   the initial value of the <code>"error-handler"</code> configuration
    *   parameter on the new created <code>LSParser</code> contains a
    *   reference to the default error handler.
    * @exception DOMException
    *    NOT_SUPPORTED_ERR: Raised if the requested mode or schema type is
```

```
   *   not supported.
 */
```

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1.385 jackson-annotations 2.13.1

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1.386 sizeof-agent 1.0.1

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1.387 jackson-dataformat-yaml 2.13.1

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1.388 jtoml 1.0.0

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1.390 metrics 4.1.0

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Found in path(s):
* /jctools-core-2-1-0-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java
* /jctools-core-2-1-0-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java
* /jctools-core-2-1-0-sources-jar/org/jctools/maps/NonBlockingHashMap.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java
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 /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/util/UnsafeAccess.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpmcArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpscCompoundQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/spec/Preference.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/maps/AbstractEntry.java
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 /jctools-core-2-1-0-sources-jar/org/jctools/queues/SpscArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/spec/Ordering.java

* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpscArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/BaseMpscLinkedArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/SpscChunkedAtomicArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java
* /jctools-core-2-1-0-sources-jar/org/jctools/util/RangeUtil.java
* /jctools-core-2-1-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java
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* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpscLinkedQueue8.java
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* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpscGrowableArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/QueueFactory.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/SpscChunkedArrayQueue.java
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* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
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* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpscLinkedQueue7.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MessagePassingQueueUtil.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/package-info.java
* /jctools-core-2-1-0-sources-jar/org/jctools/maps/ConcurrentAutoTable.java
* /jctools-core-2-1-0-sources-jar/org/jctools/util/Pow2.java
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* /jctools-core-2-1-0-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java
* /jctools-core-2-1-0-sources-jar/org/jctools/maps/NonBlockingIdentityHashMap.java
* /jctools-core-2-1-0-sources-jar/org/jctools/queues/atomic/BaseSpscLinkedAtomicArrayQueue.java

1.393 jackson-module-scala 2.13.1

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1.396 manveru-trie 0.0.0-20130618104229-c02825966377

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1.397 go-colorable 0.1.11

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1.398 resty 2.7.0

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1.399 color 1.13.0

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1.400 go-openapi-validate 0.20.3

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1.401 webjars-locator-core 0.30

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1.402 x-tools 0.1.9

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package hooks

import (
 "bytes"
 "io/ioutil"
 "os/exec"
 "runtime"
 "testing"

 "golang.org/x/tools/internal/testenv"
)

func TestLicenses(t *testing.T) {
 // License text differs for older Go versions because staticcheck isn't
 // supported for those versions.
 testenv.NeedsGo1Point(t, 15)

 if runtime.GOOS != "linux" && runtime.GOOS != "darwin" {
  t.Skip("generating licenses only works on Unixes")
 }
 tmp, err := ioutil.TempFile("", "")
 if err != nil {
  t.Fatal(err)
 }
 tmp.Close()
```

```
 if out, err := exec.Command("./gen-licenses.sh", tmp.Name()).CombinedOutput(); err != nil {
  t.Fatalf("generating licenses failed: %q, %v", out, err)
 }

 got, err := ioutil.ReadFile(tmp.Name())
 if err != nil {
  t.Fatal(err)
 }
 want, err := ioutil.ReadFile("licenses.go")
 if err != nil {
  t.Fatal(err)
 }
 if !bytes.Equal(got, want) {
  t.Error("combined
 license text needs updating. Run: `go generate ./internal/hooks` from the gopls module.")
 }
}
```

```
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```

```
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//go:build go1.18
// +build go1.18

// Package copyright checks that files have the correct copyright notices.
package copyright

import (
 "go/ast"
 "go/parser"
 "go/token"
 "io/fs"
 "io/ioutil"
 "path/filepath"
 "regexp"
 "strings"
)

func checkCopyright(dir string) ([]string, error) {
 var files []string
 err := filepath.WalkDir(dir, func(path string, d fs.DirEntry, err error) error {
  if err != nil {
   return err
  }
  if d.IsDir() {
   // Skip directories like ".git".
   if strings.HasPrefix(d.Name(), ".") {
    return filepath.SkipDir
   }
   // Skip any directory that starts with an underscore, as the go
   // command would.
   if strings.HasPrefix(d.Name(), "_") {
    return filepath.SkipDir
   }
   return nil
  }
  needsCopyright, err := checkFile(dir, path)
  if err != nil {
   return err
  }
  if needsCopyright {
   files
 = append(files, path)
  }
  return nil
 })
 return files, err
```

```
}

var copyrightRe = regexp.MustCompile(`Copyright \d{4} The Go Authors. All rights reserved.
Use of this source code is governed by a BSD-style
license that can be found in the LICENSE file.`)

func checkFile(toolsDir, filename string) (bool, error) {
 // Only check Go files.
 if !strings.HasSuffix(filename, "go") {
  return false, nil
 }
 // Don't check testdata files.
 normalized := strings.TrimPrefix(filepath.ToSlash(filename), filepath.ToSlash(toolsDir))
 if strings.Contains(normalized, "/testdata/") {
  return false, nil
 }
 // goyacc is the only file with a different copyright header.
 if strings.HasSuffix(normalized, "cmd/goyacc/yacc.go") {
  return false, nil
 }
 content, err := ioutil.ReadFile(filename)
 if err != nil {
  return false, err
 }
 fset := token.NewFileSet()
 parsed, err := parser.ParseFile(fset, filename, content, parser.ParseComments)
 if err != nil {
  return false, err
 }
 // Don't require headers
 on generated files.
 if isGenerated(fset, parsed) {
  return false, nil
 }
 shouldAddCopyright := true
 for _, c := range parsed.Comments {
  // The copyright should appear before the package declaration.
  if c.Pos() > parsed.Package {
   break
  }
  if copyrightRe.MatchString(c.Text()) {
   shouldAddCopyright = false
   break
  }
 }
 return shouldAddCopyright, nil
}
```

```
// Copied from golang.org/x/tools/internal/lsp/source/util.go.
// Matches cgo generated comment as well as the proposed standard:
// https://golang.org/s/generatedcode
var generatedRx = regexp.MustCompile(`// .*DO NOT EDIT\.?`)

func isGenerated(fset *token.FileSet, file *ast.File) bool {
 for _, commentGroup := range file.Comments {
  for _, comment := range commentGroup.List {
   if matched := generatedRx.MatchString(comment.Text); !matched {
    continue
   }
   // Check if comment is at the beginning of the line in source.
   if pos := fset.Position(comment.Slash); pos.Column == 1 {
    return true
   }
  }
 }
 return
 false
}
```

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package hooks

const licensesText = `
-- github.com/BurntSushi/toml COPYING --

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`

```
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//go:build go1.18
// +build go1.18

package copyright

import (
 "os"
 "path/filepath"
 "strings"
 "testing"
)
```

```
func TestToolsCopyright(t *testing.T) {
 cwd, err := os.Getwd()
 if err != nil {
  t.Fatal(err)
 }
 tools := filepath.Dir(cwd)
 if !strings.HasSuffix(filepath.Base(tools), "tools") {
  t.Fatalf("current working directory is %s, expected tools", tools)
 }
 files, err := checkCopyright(tools)
 if err != nil {
  t.Fatal(err)
 }
 if len(files) > 0 {
  t.Errorf("The following files are missing copyright notices:\n%s", strings.Join(files, "\n"))
 }
}
```

1.403 golang-genproto 0.0.0-20210828152312-66f60bf46e71

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#
#     http://code.google.com/legal/individual-cla-v1.0.html
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#
# The agreement for individuals can be filled out on the web.

# Names should be added to this file like so:
#     Individual's name <submission email address>
#     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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1.407 golang 1.15.13

1.407.1 Available under license :

This is the official list of people who can contribute
(and typically have contributed) code to the Go repository.
The AUTHORS file lists the copyright holders; this file
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Names should be added to this file only after verifying that
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#
The agreement for individuals can be filled out on the web.

Names should be added to this file like so:
Individual's name <submission email address>
Individual's name <submission email address> <email2> <emailN>
#
An entry with multiple email addresses specifies that the
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that the other addresses should be recognized
 as the
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1.408 jackson-jaxrs-base 2.9.9

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1.410 x-mod 0.6.0-dev.0.20220106191415-9b9b3d81d5e3

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1.411 square-mongo-lock 0.0.0-20201208161834-4db518ed7fb2

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1.412 urllib3 1.26.9

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1.413 google-go-cmp 0.5.7

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1.414 x-tools 0.1.10

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```
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package hooks

import (
 "bytes"
 "io/ioutil"
 "os/exec"
 "runtime"
 "testing"

 "golang.org/x/tools/internal/testenv"
)

func TestLicenses(t *testing.T) {
 // License text differs for older Go versions because staticcheck isn't
 // supported for those versions.
 testenv.NeedsGo1Point(t, 15)

 if runtime.GOOS != "linux" && runtime.GOOS != "darwin" {
  t.Skip("generating licenses only works on Unixes")
 }
 tmp, err := ioutil.TempFile("", "")
 if err != nil {
  t.Fatal(err)
 }
 tmp.Close()

 if out, err := exec.Command("./gen-licenses.sh", tmp.Name()).CombinedOutput(); err != nil {
  t.Fatalf("generating licenses failed: %q, %v", out, err)
 }

 got, err := ioutil.ReadFile(tmp.Name())
 if err != nil {
  t.Fatal(err)
 }
 want, err := ioutil.ReadFile("licenses.go")
 if err != nil {
  t.Fatal(err)
 }
 if !bytes.Equal(got, want) {
  t.Error("combined
 license text needs updating. Run: `go generate ./internal/hooks` from the gopls module.")
 }
}
```

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//go:build go1.18
// +build go1.18

// Package copyright checks that files have the correct copyright notices.
package copyright

import (
 "go/ast"
 "go/parser"
 "go/token"
 "io/fs"
 "io/ioutil"
 "path/filepath"
 "regexp"
 "strings"
)

```
func checkCopyright(dir string) ([]string, error) {
 var files []string
 err := filepath.WalkDir(dir, func(path string, d fs.DirEntry, err error) error {
  if err != nil {
   return err
  }
  if d.IsDir() {
   // Skip directories like ".git".
   if strings.HasPrefix(d.Name(), ".") {
    return filepath.SkipDir
   }
   // Skip any directory that starts with an underscore, as the go
   // command would.
   if strings.HasPrefix(d.Name(), "_") {
    return filepath.SkipDir
   }
   return nil
  }
  needsCopyright, err := checkFile(dir, path)
  if err != nil {
   return err
  }
  if needsCopyright {
   files
 = append(files, path)
  }
  return nil
 })
 return files, err
}

var copyrightRe = regexp.MustCompile(`Copyright \d{4} The Go Authors. All rights reserved.
Use of this source code is governed by a BSD-style
license that can be found in the LICENSE file.`)

func checkFile(toolsDir, filename string) (bool, error) {
 // Only check Go files.
 if !strings.HasSuffix(filename, "go") {
  return false, nil
 }
 // Don't check testdata files.
 normalized := strings.TrimPrefix(filepath.ToSlash(filename), filepath.ToSlash(toolsDir))
 if strings.Contains(normalized, "/testdata/") {
  return false, nil
 }
 // goyacc is the only file with a different copyright header.
 if strings.HasSuffix(normalized, "cmd/goyacc/yacc.go") {
```

```
 return false, nil
}
content, err := ioutil.ReadFile(filename)
if err != nil {
 return false, err
}
fset := token.NewFileSet()
parsed, err := parser.ParseFile(fset, filename, content, parser.ParseComments)
if err != nil {
 return false, err
}
// Don't require headers
on generated files.
if isGenerated(fset, parsed) {
 return false, nil
}
shouldAddCopyright := true
for _, c := range parsed.Comments {
 // The copyright should appear before the package declaration.
 if c.Pos() > parsed.Package {
  break
 }
 if copyrightRe.MatchString(c.Text()) {
  shouldAddCopyright = false
  break
 }
}
return shouldAddCopyright, nil
}

// Copied from golang.org/x/tools/internal/lsp/source/util.go.
// Matches cgo generated comment as well as the proposed standard:
// https://golang.org/s/generatedcode
var generatedRx = regexp.MustCompile(`// .*DO NOT EDIT\.?`)

func isGenerated(fset *token.FileSet, file *ast.File) bool {
 for _, commentGroup := range file.Comments {
  for _, comment := range commentGroup.List {
   if matched := generatedRx.MatchString(comment.Text); !matched {
    continue
   }
   // Check if comment is at the beginning of the line in source.
   if pos := fset.Position(comment.Slash); pos.Column == 1 {
    return true
   }
  }
 }
 return
```

false
}
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//go:generate ./gen-licenses.sh licenses.go
package hooks

const licensesText = `
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`

```
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//go:build go1.18
// +build go1.18

package copyright

import (
 "os"
 "path/filepath"
 "strings"
 "testing"
)

func TestToolsCopyright(t *testing.T) {
 cwd, err := os.Getwd()
 if err != nil {
  t.Fatal(err)
 }
 tools := filepath.Dir(cwd)
 if !strings.HasSuffix(filepath.Base(tools), "tools") {
  t.Fatalf("current working directory is %s, expected tools", tools)
 }
 files, err := checkCopyright(tools)
 if err != nil {
  t.Fatal(err)
 }
 if len(files) > 0 {
  t.Errorf("The following files are missing copyright notices:\n%s", strings.Join(files, "\n"))
 }
}
```

1.415 chunkio 1.1.6

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1.419 x-sys 0.0.0-20220307203707-22a9840ba4d7

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1.421 paesslerag-jsonpath 0.1.1

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1.422 python-setuptools 44.0.0

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1.423 td-agent-bit 1.9.1

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1.425 monkey-http-daemon 1.9.1

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---
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parts of src/rdmurmur2.c: git@github.com:abrandoned/murmur2.git

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1.427 mongodb-driver-core 3.6.4

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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ServerDescription.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultClusterableServerFactory.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ClusterDescriptionChangedEvent.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/BaseCluster.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolOpenedEvent.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ClusterListener.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SingleServerCluster.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultServerMonitor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterDescription.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/netty/NettyStream.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultServer.java

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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/AsyncChangeStreamBatchCursor.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ServerMonitorListenerAdapter.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoChangeStreamException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ServerListenerAdapter.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ChangeStreamBatchCursor.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/OperationType.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SplittablePayloadBsonWriter.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/UpdateDescription.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ElementExtendingBsonWriter.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/changestream/package-info.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/DropCollectionOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CreateIndexesOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CreateCollectionOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/UserOperationHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/GraphLookupOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/OperationHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CreateUserOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/UpdateUserOperation.java

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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/MongoDriverInformation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/CollationAlternate.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/CollationMaxVariable.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/CollationStrength.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Collation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodecProvider.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/DeleteOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/gridfs/codecs/GridFSFileCodec.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/BsonField.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/CommandEvent.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/PushOptions.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/MultiPolygon.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/CommandStartedEvent.java
* /mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/geojson/codecs/GeometryCollectionCodec.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/MultiPointCodec.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/BuildersHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/MultiLineString.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Accumulators.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Aggregates.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/PolygonCoordinates.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/MultiLineStringCodec.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/MultiPolygonCodec.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Updates.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/GeometryCollection.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/CommandSucceededEvent.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/CommandListener.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/SimpleExpression.java
* /mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/geojson/codecs/NamedCoordinateReferenceSystemCodec.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionClosedEvent.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/SniSslHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionRemovedEvent.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/Java8SniSslHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/WriteConcernHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionAddedEvent.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoConfigurationException.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ServerEventMulticaster.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolWaitQueueExitedEvent.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/CreateViewOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolClosedEvent.java

* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionOpenedEvent.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClientMetadataHelper.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoSocketClosedException.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ScramSha1Authenticator.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/ServerSelector.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/Pool.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/MessageSettings.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ConnectionPoolSettings.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/DuplicateKeyException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/InternalStreamConnectionInitializer.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoSocketReadTimeoutException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/validator/UpdateFieldNameValidator.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/Block.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CursorHelper.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/ReadBinding.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterConnectionMode.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/DeleteManyModel.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ChangeListener.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/AsyncCompletionHandler.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/DBRefCodecProvider.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/IndexMap.java

* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SocketSettings.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolEventMulticaster.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoCommandException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/MapReduceStatistics.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/DocumentHelper.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/AuthenticationMechanism.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/management/NullMBeanServer.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolListenerAdapter.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/ReadWriteBinding.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/UpdateOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SocketStream.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoTimeoutException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultConnectionFactory.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ConnectionId.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/MapReduceAction.java
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/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/MapReduceAsyncBatchCursor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ServerConnectionState.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/AsyncConnectionSource.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ReadPreference.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ReplyHeader.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/BulkWriteResult.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/ClusterBinding.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/WriteConcernException.java
* /mongodb-driver-core-3-6-4-sources-2-
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/QueryResult.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/FindAndReplaceOperation.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/BaseWriteOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/BulkWriteBatchCombiner.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/DeleteOperation.java
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/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/management/ConnectionPoolStatisticsMBean.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/GroupOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/BsonDocumentWrapperHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/UsageTrackingInternalConnection.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/MapReduceHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/TaggableReadPreference.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ServerMonitorFactory.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/AsyncReadOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/FutureAsyncCompletionHandler.java
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/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoInternalException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/authentication/NativeAuthenticationHelper.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/DistinctOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/AsyncReadBinding.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoSocketOpenException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/ReplaceOneModel.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/MapReduceWithInlineResultsOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/AggregateExplainOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ServerType.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/netty/NettyStreamFactory.java
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/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/management/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ReplyMessage.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ExplainVerbosity.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/BulkWriteUpsert.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/Stream.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/MapReduceInlineResultsAsyncCursor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/AsyncWritableByteChannel.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/PowerOfTwoBufferPool.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CountOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/MapReduceInlineResultsCursor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/InternalStreamConnectionFactory.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/diagnostics/logging/Logger.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/Function.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/RenameCollectionOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/management/jmx/JMXMBeanServer.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/diagnostics/logging/SLF4JLogger.java
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/mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterableServer.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/netty/NettyBufferProvider.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CommandResultDocumentCodec.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/IndexOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterId.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SocketStreamFactory.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoSecurityException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/package-info.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterSettings.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/async/ErrorHandlingResultCallback.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ConnectionFactory.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ReadOperation.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/ServerAddressSelector.java

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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ListDatabasesOperation.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ServerSettings.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/UpdateOperation.java
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* /mongodb-driver-core-3-6-4-sources-2-
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/diagnostics/logging/Loggers.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/StreamFactory.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/ConnectionSource.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ServerCursor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoInterruptedException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoServerException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoWaitQueueFullException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/diagnostics/logging/JULLogger.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/AsynchronousSocketChannelStream.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ResponseBuffers.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ConnectionDescription.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/result/UpdateResult.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/management/MBeanServer.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/InsertRequest.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoIncompatibleDriverException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/bulk/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/InsertOneModel.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SslSettings.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/BulkWriteOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/InternalConnection.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/BaseQueryMessage.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ConnectionPoolListener.java

* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/validator/MappedFieldNameValidator.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SocketChannelStream.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/UpdateOneModel.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/async/SingleResultCallback.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/FindAndDeleteOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/ReferenceCounted.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/ExplainHelper.java
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* /mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/model/geojson/NamedCoordinateReferenceSystem.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/LineString.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/Point.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CompositeByteBuf.java
* /mongodb-driver-core-3-6-4-sources-2-
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/Geometry.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/IndexHelper.java
* /mongodb-driver-core-3-6-4-sources-2-
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/IndexModel.java

* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/PolygonCodec.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/AsyncSingleConnectionReadBinding.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/codecs/PointCodec.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/GeoJsonObjectType.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/CommandListenerMulticaster.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/Polygon.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/netty/NettyStreamFactoryFactory.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/geojson/MultiPoint.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/WritableServerSelector.java
* /mongodb-driver-core-3-6-4-sources-2-
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/QueryHelper.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoGridFSException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/IndexOptionDefaults.java
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 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/HexUtils.java
* /mongodb-driver-core-3-6-4-sources-2-
jar/com/mongodb/client/gridfs/model/GridFSDownloadByNameOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/InsertOneOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/gridfs/model/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Indexes.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/gridfs/model/GridFSUploadOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/ValidationLevel.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/gridfs/model/GridFSFile.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/ValidationAction.java
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*
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ServerHeartbeatFailedEvent.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/session/ServerSessionPool.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/session/ClientSessionContext.java
*
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/session/ClientSession.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/session/ClientSessionImpl.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/session/package-info.java
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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):
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/ConcurrentLinkedDeque.java
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Found in path(s):
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ReadConcern.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/ReadConcernLevel.java
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Found in path(s):
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoNodeIsRecoveringException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/TagSet.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/Tag.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/CursorType.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoNotPrimaryException.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/DefaultAuthenticator.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoWriteException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoWriteConcernException.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/binding/AbstractReferenceCounted.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/CurrentOpOperation.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/FsyncUnlockOperation.java
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Found in path(s):
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/netty/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/async/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/assertions/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/package-info.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/diagnostics/logging/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/result/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/package-info.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/ReturnDocument.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/BsonArrayWrapper.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CompressedMessage.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/OpCode.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/MongoCompressor.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ZlibCompressor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/LegacyProtocol.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/CommandProtocol.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/Compressor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ClusterClock.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/SnappyCompressor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/LegacyMessage.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/internal/connection/NoOpSessionContext.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/CountOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/connection/ExponentiallyWeightedMovingAverage.java

* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/DeleteOneModel.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/WriteError.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/ReadPreferenceServerSelector.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/selector/PrimaryServerSelector.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/WriteConcern.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Filters.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Sorts.java
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* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/BucketOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/operation/AsyncSingleBatchQueryCursor.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/event/ServerHeartbeatSucceededEvent.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Field.java
*
 /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/BucketAutoOptions.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/Facet.java
* /mongodb-driver-core-3-6-4-sources-2-jar/com/mongodb/client/model/BucketGranularity.java

1.428 distro 1.4.0

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1.429 progress 1.5

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Version: 0.0.0
Summary: UNKNOWN
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Found in path(s):
* /pkg-resources-0-0-0-dist-info-zip/inputdir/packages_extracted/wheel/103/pkg_resources-0.0.0.dist-info/METADATA

1.431 sqlite 3.33.0

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1.433 pycparser 2.20

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pycparser -- A C parser in Python

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1.434 six 1.15.0

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1.435 xmltodict 0.12.0

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1.436 jwalterweatherman 1.1.0

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1.437 glob 0.2.3

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1.439 pierrec-lz4 2.6.0+incompatible

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1.440 sarama 1.29.1

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1.441 python-certifi 2022.5.18.1

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ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
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:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.442 python-certifi 2022.05.18.1

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
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:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
 $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.443 klauspost-compress 1.14.2

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1.444 python-pip 22.1.2

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This package contains a modified version of ca-bundle.crt:

ca-bundle.crt -- Bundle of CA Root Certificates

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
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:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
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 (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
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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
2.7 2.6 2010 PSF yes

Footnotes:

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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.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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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
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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
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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year, the PythonLabs team moved to Digital Creations (now Zope
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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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1.445 libnsl 2.17

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1.449 zlib 1.2.11

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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).
*/

1.450 kubernetes-apimachinery 0.21.4

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1.465 oauth-signpost 1.2.1.2

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* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/OAuth.java
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* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/basic/DefaultOAuthProvider.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/OAuthProvider.java
*
/oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/signature/SignatureBaseString.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-commonshttp4/src/main/java/oauth/signpost/commonshttp/CommonsHttpOAuthProvider.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-jetty6/src/main/java/oauth/signpost/jetty/HttpRequestAdapter.java
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* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/com/google/gdata/util/common/base/PercentEscaper.java
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* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/exception/OAuthExpectationFailedException.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-jetty6/src/main/java/oauth/signpost/jetty/JettyOAuthConsumer.java
*
 /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/OAuthConsumer.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/exception/OAuthCommunicationException.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/basic/DefaultOAuthConsumer.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/signature/OAuthMessageSigner.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/AbstractOAuthConsumer.java
* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/exception/OAuthNotAuthorizedException.java

* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-core/src/main/java/oauth/signpost/signature/HmacSha1MessageSigner.java
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* /oauth-signpost-1-2-1-2-orig-tar-gz/kaeppler-signpost-653c361/signpost-commonshttp4/src/main/java/oauth/signpost/commonshttp/CommonsHttpOAuthConsumer.java

1.466 go-uber-org-multierr 1.6.0

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1.467 go-toml 1.9.4

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localtime.go, localtime_test.go:

Originals:
https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil.go
https://raw.githubusercontent.com/googleapis/google-cloud-go/ed46f5086358513cf8c25f8e3f022cb838a49d66/civil/civil_test.go
Changes:
* Renamed files from civil* to localtime*.
* Package changed from civil to toml.
* 'Local' prefix added to all structs.
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1.468 html5lib 1.1

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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
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
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
lib/libgss/g_init_sec_context.c
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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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/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
slave/kpropd_rpc.c
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1.493 pep517 0.12.0

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1.505 gofuzz 1.1.0

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1.512 google-uuid 1.3.0

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1.515 colorama 0.4.3

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1.517 six 1.14.0

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1.518 packaging 20.3

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1.536 errors 0.9.1

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* /failureaccess-1-0-1-sources-15-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java

1.538 python 3.8.2-0ubuntu2

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This is the Debian GNU/Linux prepackaged version of the Python programming
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This package was put together by Klee Dienes <klee@debian.org> from
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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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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
3.0	2.6	2008	PSF	yes
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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 (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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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	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
3.2.2	3.2.1	2011	PSF	yes
3.3	3.2	2012	PSF	yes

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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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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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(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
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Just configure this file as the SSLCACertificateFile.#

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1.542 libtiff 4.1.0+git191117-2ubuntu0.20.04.2

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1.543 libyaml 0.2.2-1

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1.544 elfutils 0.176-1.1build1

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1.545 kerberos 1.17-6ubuntu4.1

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cmd/krb5/kadmin/server/ipropd_svc.c
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
lib/libgss/g_acquire_cred.c
lib/libgss/g_canon_name.c
lib/libgss/g_compare_name.c
lib/libgss/g_context_time.c
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lib/libgss/g_exp_sec_context.c
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lib/libgss/g_glue.c
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lib/libgss/g_rel_name.c
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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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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

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including
the following new or changed files:

include/iprop_hdr.h
kadmin/server/ipropd_svc.c
lib/kdb/iprop.x
lib/kdb/kdb_convert.c
lib/kdb/kdb_log.c
lib/kdb/kdb_log.h
lib/krb5/error_tables/kdb5_err.et
kprop/kpropd_rpc.c
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1.553 debianutils 4.9.1

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1.556 nghttp2 1.40.0-1build1

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set xtics rotate by -45
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1.557 libssh 0.9.3-2ubuntu2.2

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1.558 libtasn 4.16.0-2

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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.

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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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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
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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
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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.

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the work with the complete corresponding
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properly with a modified version of the library, if
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c) Accompany the work with a written offer, valid for at
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1.559 attr 2.4.48-5

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1.563 acl 2.2.53-6

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1.571 libcap 2.32-1

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1.572 lz4 1.9.2-2ubuntu0.20.04.1

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1.573 fontconfig 2.13.1-2ubuntu3

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1.574 e2fsprogs 1.45.5-2ubuntu1

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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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file system consistency checker (e2fsck.static). The EXT2 utilities
were written by Theodore Ts'o <tytso@mit.edu> and Remy Card

<card@masi.ibp.fr>.

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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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===
--- 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
-
- Copyright (C) Andrew Tridgell 2005
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Gadi Oxman, August 1995

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Theodore Ts'o
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1.575 openssl 1.1.1f-1ubuntu2.12

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1.577 libxcb 1.14-2

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Since Nov 27 1996, it was maintained by Guy Maor <maor@debian.org>. He
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1.585 gnutls 3.6.13-2ubuntu1.6

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Constant-time SSSE3 AES core implementation.
version 0.1

```
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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 =

## End BSD-specific setup
```

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1.588 libxpm 3.5.12-1

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1.589 mawk 1.3.4.20200120-2

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Copyright (C) <year> <name of author>

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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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51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 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 Lesser General
Public License instead of this License.

1.590 python-stdlib-extensions 3.8.10-0ubuntu1~20.04

1.590.1 Available under license :

No license file was found, but licenses were detected in source scan.

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Found in path(s):

* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/__init__.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/grammar.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/pgen.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/parse.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/parse.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/literals.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/__init__.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/literals.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/pgen.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/parse.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/conv.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/grammar.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/literals.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/__init__.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/conv.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/conv.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/grammar.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/pgen.py
No license file was found, but licenses were detected in source scan.

('binary-only', None,
"cannot supply both '--source-only' and '--binary-only'")
'License: ' + self.distribution.get_license(),

Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.6/Lib/distutils/command/bdist_rpm.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.7/Lib/distutils/command/bdist_rpm.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.8/Lib/distutils/command/bdist_rpm.py
No license file was found, but licenses were detected in source scan.

executable.

Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/spawn.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/spawn.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/spawn.py
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**********/

Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Modules/_tkinter.c
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Modules/_tkinter.c
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Modules/_tkinter.c
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A grammar to describe tree matching patterns.
Not shown here:
- 'TOKEN' stands for any token (leaf node)
- 'any' stands for any node (leaf or interior)
With 'any' we can still specify the sub-structure.

The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative ('|' Alternative)*

Alternative: (Unit | NegatedUnit)+

Unit: [NAME '='] (STRING [Repeater]
            | NAME [Details] [Repeater]
            | '(' Alternatives ')' [Repeater]
            | '[' Alternatives ']'
)

NegatedUnit: 'not' (STRING | NAME [Details] | '(' Alternatives ')')

Repeater: '*' | '+' | '{' NUMBER [',' NUMBER] '}'

Details: '<' Alternatives '>'

Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/PatternGrammar.txt
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/PatternGrammar.txt
*
 /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/PatternGrammar.txt
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Found in path(s):

* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/driver.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/driver.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/driver.py
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pygram.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_print.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_apply.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/refactor.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/patcomp.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixer_base.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/patcomp.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_long.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/patcomp.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/tests/test_pytree.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.6/Lib/lib2to3/tests/pytree_idempotency.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_execfile.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_long.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pytree.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pytree.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_repr.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_exec.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixer_base.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/refactor.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.7/Lib/lib2to3/tests/pytree_idempotency.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_ne.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_has_key.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_print.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_execfile.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_repr.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixer_base.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_has_key.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_apply.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/refactor.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/tests/test_pytree.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_repr.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_apply.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_long.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_exec.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pytree.py

*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/tests/test_pytree.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_print.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_ne.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.8/Lib/lib2to3/tests/pytree_idempotency.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pygram.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pygram.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_execfile.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_ne.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_has_key.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_exec.py
No license file was found, but licenses were detected in source scan.

file.write('License: %s\n' % self.get_license())

Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/dist.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/dist.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/dist.py
No license file was found, but licenses were detected in source scan.

version.

Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.8/Lib/distutils/command/bdist_wininst.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.8/Lib/distutils/command/bdist_msi.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.6/Lib/distutils/command/bdist_msi.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/distutils/cygwinccompiler.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.6/Lib/distutils/command/bdist_wininst.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.7/Lib/distutils/command/bdist_msi.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.7/Lib/distutils/command/bdist_wininst.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/distutils/cygwinccompiler.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/distutils/cygwinccompiler.py
No license file was found, but licenses were detected in source scan.

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Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-

3.8.2/3.6/Lib/lib2to3/fixes/fix_standarderror.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_map.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_xrange.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_xrange.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_buffer.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_dict.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_buffer.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_dict.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.8/Lib/lib2to3/fixes/fix_standarderror.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-
3.8.2/3.7/Lib/lib2to3/fixes/fix_standarderror.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_xrange.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_map.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_types.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_types.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_dict.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/fixes/fix_filter.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_filter.py
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_buffer.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/fixes/fix_types.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_filter.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/fixes/fix_map.py
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Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/pgen2/tokenize.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/pgen2/tokenize.py
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/pgen2/tokenize.py

1.591 libseccomp 2.5.1-1ubuntu1~20.04.2

1.591.1 Available under license :

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Version 2.1, February 1999

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1.592 tzdata 2022a-0ubuntu0.20.04

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1.593 sysv-init 2.96-2.1ubuntu1

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That's all there is to it!

1.596 curl 7.68.0-1ubuntu2.7

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License Mixing
==============

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.

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Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

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1.597 libpkit 0.23.20-1ubuntu0.1

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1.598 xz 5.2.4-1ubuntu1.1

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Source:
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.
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docs/FTL.TXT
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#
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
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```

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
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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
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Author: Per Bothner

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This is Debian GNU/Linux's prepackaged version of the PCRE regular
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This package was put together by me, Mark Baker <mbaker@iee.org> from the
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Written by: Philip Hazel
Email local part: ph10
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1.608 cdebconf 0.251ubuntu1

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1.609 libxau 1.0.9-0ubuntu1

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1.610 ncurses 6.2-0ubuntu2

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1.615 libxcrypt 4.4.10-10ubuntu4

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1.616 perl 5.30.0-9ubuntu0.2

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$Id: errnolist.a,v 3.0 1993/08/18 12:04:35 ram Exp ram $
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#

Original Author: Harlan Stenn <harlan@mumps.pfcs.com>
#
$Log: errnolist.a,v $
Revision 3.0 1993/08/18 12:04:35 ram
Baseline for dist 3.0 netwide release.
#
#
This is a simple-minded awk script to generate an initialization for
sys_errnolist on systems that don't have it.
This file now depends only on sys/errno.h error numbers under maxerr being
in order. It will complain and die if not. NOTE: It will still produce
a compilable output file, even with errors, so you must check the output.

1.617 libidn 2.2.0-2

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Version 3, 29 June 2007

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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.
*/
```

1.619 bash 5.0-6ubuntu1.1

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1.622 libsemanage-common 3.0-1build2

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1.623 coreutils 8.30-3ubuntu2

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This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
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1.624 keyutils 1.6-6ubuntu1

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

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straightforwardly into another language. (Hereinafter, translation
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included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
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interface definition files, plus the scripts used to control compilation
and installation of the library.

Activities other than copying, distribution and modification are not
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running a program using the Library is not restricted, and output from
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on the Library (independent of the use of the Library in a tool for
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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.

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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.

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Section 6 states terms for distribution of such executables.

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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 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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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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1.626 xz 5.2.4-1ubuntu1

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==========

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1.628 libpsl 0.21.0-1ubuntu1

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1.629 libmnl 1.0.4-2

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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 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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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
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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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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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1.630 nginx 1.18.0-0ubuntu1.3

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1.631 audit 2.8.5-2ubuntu6

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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)

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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
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include/bsd/sys/endian.h
man/byteorder.3bsd
man/closefrom.3bsd
man/expand_number.3bsd
man/flopen.3bsd
man/getpeereid.3bsd
man/pidfile.3bsd
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AES in libhcrypto

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@version 3.0 (December 2000)

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@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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lib/hcrypto/test_dh.c

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1.639 libcap-ng 0.7.9-2.1build1

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1.641 iputils 20190709-3

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1.642 sqlite 3.31.1-4ubuntu0.2

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#!/usr/bin/tclsh.docsrc
Import of wapp.tcl
Copyright (c) 2017 D. Richard Hipp
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modify it under the terms of the Simplified BSD License (also
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#
#---
#

```
# Design rules:
#
#   (1)  All identifiers in the global namespace begin with "wapp"
#
#   (2)  Indentifiers intended for internal use only begin with "wappInt"
#

# Add text to the end of the HTTP reply.  No interpretation or transformation
# of the text is performs.  The argument should be enclosed within {...}
#
proc wapp {txt} {
 global wapp
 dict append wapp .reply $txt
}

# Add
 text to the page under construction.  Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#       set fd [open content.html rb]
#       wapp-unsafe [read $fd]
#       close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
 global wapp
 dict append wapp .reply $txt
}

# Add text to the end of the reply under construction.  The following
# substitutions are made:
#
#    %html(...)         Escape text for inclusion in HTML
#    %url(...)          Escape text for use as a URL
#    %qp(...)           Escape text for use as a URI query parameter
#
    %string(...)       Escape text for use within a JSON string
#    %unsafe(...)       No transformations of the text
#
```

```
# The substitutions above terminate at the first ")" character.  If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
#     %html%(...)%
#     %url%(...)%
#     %qp%(...)%
#     %string%(...)%
#     %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
 global wapp
 regsub -all {%(html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
       {[wappInt-enc-\1 "\3"]} txt
 dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
 global wapp
 regsub -all {\n\s+} [string
 trim $txt] \n txt
 regsub -all {%(html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
       {[wappInt-enc-\1 "\3"]} txt
 dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst.  Thus there are routines for "html", "url", "qp", and "unsafe".
#
#    wappInt-enc-html          Escape text so that it is safe to use in the
#                              body of an HTML document.
#
#    wappInt-enc-url           Escape text so that it is safe to pass as an
#                              argument to href= and src= attributes in HTML.
#
#    wappInt-enc-qp            Escape text so that it is safe to use as the
#                              value of a query parameter in a URL or in
#                              post data or in a cookie.
#
```

```
#    wappInt-enc-string         Escape ", ', \, and < for using inside of a
#                               javascript string literal.
  The < character
#                               is escaped to prevent "</script>" from causing
#                               problems in embedded javascript.
#
#    wappInt-enc-unsafe         Perform no encoding at all.  Unsafe.
#
proc wappInt-enc-html {txt} {
 return [string map {& &amp; < &lt; > &gt; \" &quot; \\ &#92;} $txt]
}
proc wappInt-enc-unsafe {txt} {
 return $txt
}
proc wappInt-enc-url {s} {
 if {[regsub -all {[^-{}@~?=#_.:/a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]} s]} {
   set s [subst -novar -noback $s]
 }
 if {[regsub -all {[{}]} $s {[wappInt-%HHchar \\&]} s]} {
   set s [subst -novar -noback $s]
 }
 return $s
}
proc wappInt-enc-qp {s} {
 if {[regsub -all {[^-{}_.a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]} s]} {
   set s [subst -novar -noback $s]
 }
 if {[regsub -all {[{}]} $s {[wappInt-%HHchar \\&]} s]} {
   set s [subst -novar -noback $s]
 }
 return $s
}
proc wappInt-enc-string {s} {
 return [string map {\\ \\\\ \" \\\" ' \\' < \\u003c} $s]
}

# This is a
 helper routine for wappInt-enc-url and wappInt-enc-qp.  It returns
# an appropriate %HH encoding for the single character c.  If c is a unicode
# character, then this routine might return multiple bytes:  %HH%HH%HH
#
proc wappInt-%HHchar {c} {
 if {$c==" "} {return +}
 return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}



# Undo the www-url-encoded format.
```

```
#
# HT: This code stolen from ncgi.tcl
#
proc wappInt-decode-url {str} {
 set str [string map [list + { } "\\" "\\\\" \[ \\\[ \] \\\]] $str]
 regsub -all -- \
    {%([Ee][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
    $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
 regsub -all -- \
    {%([CDcd][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])}                    \
    $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
 regsub -all -- {%([0-7][A-Fa-f0-9])} $str {\\u00\1} str
 return [subst -novar $str]
}

# Reset the document back to an empty string.
#
proc
 wapp-reset {} {
 global wapp
 dict set wapp .reply {}
}

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {
 global wapp
 dict set wapp .mimetype $x
}

# Change the reply code.
#
proc wapp-reply-code {x} {
 global wapp
 dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
 global wapp
 dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
 wapp-set-cookie $name {}
```

```
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
 global wapp
 dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
# The argument should be one of:
#
#    no-cache
#    max-age=N            (for some integer number of seconds, N)
#    private,max-age=N
#
proc wapp-cache-control {x} {
 wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
 wapp-reply-code {307 Redirect}
 wapp-reply-extra
 Location $uri
}

# Return the value of a wapp parameter
#
proc wapp-param {name {dflt {}}} {
 global wapp
 if {![dict exists $wapp $name]} {return $dflt}
 return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
 global wapp
 return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
 global wapp
 dict set wapp $name $value
```

```
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
 global wapp
 return [dict keys $wapp $glob]
}

# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests.  This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs
 found in other
# websites.  You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links.  For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params.  This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting.  Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#
proc wapp-allow-xorigin-params {} {
 global wapp
 if {![dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
   wappInt-decode-query-params
 }
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict:  "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative
 CSP as the argument.  Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
 global wapp
 if {$val=="off"} {
```

```
  dict unset wapp .csp
 } else {
  dict set wapp .csp $val
 }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces.  Return a text string
# containing warnings. Return an empty string if all is ok.
#
# This routine is advisory only.  It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check {} {
 set res {}
 foreach p [info procs] {
  set ln 0
  foreach x [split [info body $p] \n] {
   incr ln
   if {[regexp {^[ \t]*wapp[ \t]+([^\n]+)} $x all tail]
    && [string index $tail 0]!="\173"
    && [regexp {[[$]} $tail]
   } {
    append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
   }
   if {[regexp {^[ \t]*wapp-(subst|trim)[ \t]+[^\173]} $x all cx]} {
    append res "$p:$ln: unsafe \"wapp-$cx\"
 call: \"[string trim $x]\"\n"
   }
  }
 }
 return $res
}

# Return a string that descripts the current environment.  Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
 global wapp
 set out {}
 foreach var [lsort [dict keys $wapp]] {
  if {[string index $var 0]=="."} continue
  append out "$var = [list [dict get $wapp $var]]\n"
 }
 append out "\[pwd\] = [list [pwd]]\n"
 return $out
}
```

```
# Tracing function for each HTTP request.  This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket.  Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
#    port           Listen on this TCP port.  0 means to select a port
#                   that is not currently in use
#
#    wappmode       One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
 if {$wappmode=="scgi"} {
   set type SCGI
   set server [list wappInt-new-connection
 wappInt-scgi-readable $wappmode]
 } else {
   set type HTTP
   set server [list wappInt-new-connection wappInt-http-readable $wappmode]
 }
 if {$wappmode=="local"} {
   set x [socket -server $server -myaddr 127.0.0.1 $port]
 } else {
   set x [socket -server $server $port]
 }
 set coninfo [chan configure $x -sockname]
 set port [lindex $coninfo 2]
 if {$wappmode=="local"} {
   wappInt-start-browser http://127.0.0.1:$port/
 } else {
   puts "Listening for $type requests on TCP port $port"
 }
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
 global tcl_platform
 if {$tcl_platform(platform)=="windows"} {
   exec cmd /c start $url &
 } elseif {$tcl_platform(os)=="Darwin"} {
   exec open $url &
 } elseif {[catch {exec xdg-open $url}]} {
   exec firefox $url &
 }
}
```

```
# This routine is a "socket -server" callback.  The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available
 on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
 upvar #0 wappInt-$chan W
 set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
       .header {}]
 fconfigure $chan -blocking 0 -translation binary
 fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
 if {$chan=="stdout"} {
   # This happens after completing a CGI request
   exit 0
 } else {
   unset ::wappInt-$chan
   close $chan
 }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
 if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
   puts stderr "$msg\n$::errorInfo"
   wappInt-close-channel $chan
 }
}
proc wappInt-http-readable-unsafe {chan} {
 upvar #0 wappInt-$chan W wapp wapp
 if {![dict exists $W .toread]} {
   # If the .toread key is not set, that means we are still reading
    # the header
   set line [string trimright [gets $chan]]
   set n [string length $line]
   if {$n>0} {
     if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
       dict append W .header $line
     } else {
       dict append W .header \n$line
```

```
    }
    if {[string length [dict get $W .header]]>100000} {
      error "HTTP request header too big - possible DOS attack"
    }
  } elseif {$n==0} {
    # We have reached the blank line that terminates the header.
    global argv0
    set a0 [file normalize $argv0]
    dict set W SCRIPT_FILENAME $a0
    dict set W DOCUMENT_ROOT [file dir $a0]
    if {[wappInt-parse-header $chan]} {
      catch {close $chan}
      return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
      # Still need to read the query content
      dict set W .toread $len
    } else {
      # There is no query content, so handle
 the request immediately
      set wapp $W
      wappInt-handle-request $chan 0
    }
  }
 } else {
  # If .toread is set, that means we are reading the query content.
  # Continue reading until .toread reaches zero.
  set got [read $chan [dict get $W .toread]]
  dict append W CONTENT $got
  dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
  if {[dict get $W .toread]<=0} {
    # Handle the request as soon as all the query content is received
    set wapp $W
    wappInt-handle-request $chan 0
  }
 }
}

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
```

```
 upvar #0 wappInt-$chan W
 set hdr [split [dict get $W .header] \n]
 if {$hdr==""} {return 1}
 set req [lindex $hdr 0]
 dict set W REQUEST_METHOD [set method [lindex $req 0]]
 if {[lsearch {GET HEAD POST} $method]<0} {
   error "unsupported request method:
 \"[dict get $W REQUEST_METHOD]\""
 }
 set uri [lindex $req 1]
 set split_uri [split $uri ?]
 set uri0 [lindex $split_uri 0]
 if {![regexp {^/[-.a-z0-9_/]*$} $uri0]} {
   error "invalid request uri: \"$uri0\""
 }
 dict set W REQUEST_URI $uri0
 dict set W PATH_INFO $uri0
 set uri1 [lindex $split_uri 1]
 dict set W QUERY_STRING $uri1
 set n [llength $hdr]
 for {set i 1} {$i<$n} {incr i} {
   set x [lindex $hdr $i]
   if {![regexp {^(.+): +(.*)$} $x all name value]} {
     error "invalid header line: \"$x\""
   }
   set name [string toupper $name]
   switch -- $name {
     REFERER {set name HTTP_REFERER}
     USER-AGENT {set name HTTP_USER_AGENT}
     CONTENT-LENGTH {set name CONTENT_LENGTH}
     CONTENT-TYPE {set name CONTENT_TYPE}
     HOST {set name HTTP_HOST}
     COOKIE {set name HTTP_COOKIE}
     ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
     default {set name .hdr:$name}
   }
   dict set W $name $value
 }
 return 0
}

# Decode the QUERY_STRING
 parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
```

```
proc wappInt-decode-query-params {} {
 global wapp
 dict set wapp .qp 1
 if {[dict exists $wapp QUERY_STRING]} {
  foreach qterm [split [dict get $wapp QUERY_STRING] &] {
    set qsplit [split $qterm =]
    set nm [lindex $qsplit 0]
    if {[regexp {^[a-z][a-z0-9]*$} $nm]} {
      dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
    }
  }
 }
 if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
  set ctype [dict get $wapp CONTENT_TYPE]
  if {$ctype=="application/x-www-form-urlencoded"} {
    foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
      set qsplit [split $qterm =]
      set nm [lindex $qsplit 0]
      if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
        dict set wapp $nm [wappInt-decode-url
 [lindex $qsplit 1]]
      }
    }
  } elseif {[string match multipart/form-data* $ctype]} {
    regexp {^(.*?)\r\n(.*)$} [dict get $wapp CONTENT] all divider body
    set ndiv [string length $divider]
    while {[string length $body]} {
      set idx [string first $divider $body]
      set unit [string range $body 0 [expr {$idx-3}]]
      set body [string range $body [expr {$idx+$ndiv+2}] end]
      if {[regexp {^Content-Disposition: form-data; (.*?)\r\n\r\n(.*)$} \
          $unit unit hdr content] &&
         [regexp {name="(.*)"; filename="(.*)"\r\nContent-Type: (.*?)$}\
           $hdr hr name filename mimetype]} {
        dict set wapp $name.filename \
         [string map [list \\\" \" \\\\ \\] $filename]
        dict set wapp $name.mimetype $mimetype
        dict set wapp $name.content $content
      }
    }
  }
 }
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always
```

```
 runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
 global wapp
 dict set wapp .reply {}
 dict set wapp .mimetype {text/html; charset=utf-8}
 dict set wapp .reply-code {200 Ok}
 dict set wapp .csp {default-src 'self'}

 # Set up additional CGI environment values
 #
 if {![dict exists $wapp HTTP_HOST]} {
  dict set wapp BASE_URL {}
 } elseif {[dict exists $wapp HTTPS]} {
  dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
 } else {
  dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
 }
 if {![dict exists $wapp REQUEST_URI]} {
  dict set wapp REQUEST_URI /
 } elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
  # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
  # These need to be stripped off
  dict set wapp REQUEST_URI $newR
 }
 if {[dict exists $wapp SCRIPT_NAME]} {
  dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
 } else {
  dict set wapp
 SCRIPT_NAME {}
 }
 if {![dict exists $wapp PATH_INFO]} {
  # If PATH_INFO is missing (ex: nginx) the construct it
  set URI [dict get $wapp REQUEST_URI]
  set skip [string length [dict get $wapp SCRIPT_NAME]]
  dict set wapp PATH_INFO [string range $URI $skip end]
 }
 if {[regexp {^/([^/]+)(.*)$} [dict get $wapp PATH_INFO] all head tail]} {
  dict set wapp PATH_HEAD $head
  dict set wapp PATH_TAIL [string trimleft $tail /]
 } else {
  dict set wapp PATH_INFO {}
  dict set wapp PATH_HEAD {}
  dict set wapp PATH_TAIL {}
 }
 dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]
```

```
# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
  foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
    set qsplit [split [string trim $qterm] =]
    set nm [lindex $qsplit 0]
    if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
      dict set wapp $nm [wappInt-decode-url [lindex
$qsplit 1]]
    }
  }
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
  set referer [dict get $wapp HTTP_REFERER]
  set base [dict get $wapp BASE_URL]
  if {$referer==$base || [string match $base/* $referer]} {
    set same_origin 1
  }
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
  wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request.  If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
  if {$mname!="" && [llength [info proc wapp-page-$mname]]>0} {
    wapp-page-$mname
  } else {
    wapp-default
  }
} msg]} {
  if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
    puts "ERROR: $::errorInfo"
  }
  wapp-reset
  wapp-reply-code "500 Internal Server Error"
  wapp-mimetype
text/html
  wapp-trim {
```

```
    <h1>Wapp Application Error</h1>
    <pre>%html($::errorInfo)</pre>
  }
  dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
  puts $chan "Status: [dict get $wapp .reply-code]\r"
} else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
}
if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
    puts $chan "$name: $value\r"
  }
}
if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
}
set mimetype [dict get $wapp .mimetype]
puts $chan "Content-Type: $mimetype\r"
if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
    if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
      if {$val==""} {
        puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
      } else {
        set
val [wappInt-enc-url $val]
        puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=/\r"
      }
    }
  }
}
if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
    catch {
      set x [zlib gzip $reply]
      set reply $x
      puts $chan "Content-Encoding: gzip\r"
    }
  }
} else {
```

```
  set reply [dict get $wapp .reply]
 }
 puts $chan "Content-Length: [string length $reply]\r"
 puts $chan \r
 puts $chan $reply
 flush $chan
 wappInt-close-channel $chan
}

# This routine runs just prior to request-handler dispatch.  The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
 global wapp env
 foreach key {
  CONTENT_LENGTH
  CONTENT_TYPE
  DOCUMENT_ROOT
  HTTP_ACCEPT_ENCODING
   HTTP_COOKIE
  HTTP_HOST
  HTTP_REFERER
  HTTP_USER_AGENT
  HTTPS
  PATH_INFO
  QUERY_STRING
  REMOTE_ADDR
  REQUEST_METHOD
  REQUEST_URI
  REMOTE_USER
  SCRIPT_FILENAME
  SCRIPT_NAME
  SERVER_NAME
  SERVER_PORT
  SERVER_PROTOCOL
 } {
  if {[info exists env($key)]} {
    dict set wapp $key $env($key)
  }
 }
 set len 0
 if {[dict exists $wapp CONTENT_LENGTH]} {
  set len [dict get $wapp CONTENT_LENGTH]
```

```
 }
 if {$len>0} {
   fconfigure stdin -translation binary
   dict set wapp CONTENT [read stdin $len]
 }
 dict set wapp WAPP_MODE cgi
 fconfigure stdout -translation binary
 wappInt-handle-request stdout 1
}

# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
 if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
   puts stderr "$msg\n$::errorInfo"
   wappInt-close-channel $chan
 }
}
proc wappInt-scgi-readable-unsafe {chan} {
 upvar #0 wappInt-$chan W wapp wapp
 if
 {![dict exists $W .toread]} {
   # If the .toread key is not set, that means we are still reading
   # the header.
   #
   # An SGI header is short.  This implementation assumes the entire
   # header is available all at once.
   #
   set req [read $chan 15]
   set n [string length $req]
   scan $req %d:%s len hdr
   incr len [string length "$len:,"]
   append hdr [read $chan [expr {$len-15}]]
   foreach {nm val} [split $hdr \000] {
     if {$nm==","} break
     dict set W $nm $val
   }
   set len 0
   if {[dict exists $W CONTENT_LENGTH]} {
     set len [dict get $W CONTENT_LENGTH]
   }
   if {$len>0} {
     # Still need to read the query content
     dict set W .toread $len
   } else {
     # There is no query content, so handle the request immediately
     set wapp $W
     wappInt-handle-request $chan 0
```

```
  }
 } else {
  # If .toread is set, that means we are reading the query content.
  # Continue reading until .toread reaches zero.
  set got [read
 $chan [dict get $W .toread]]
  dict append W CONTENT $got
  dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
  if {[dict get $W .toread]<=0} {
   # Handle the request as soon as all the query content is received
   set wapp $W
   wappInt-handle-request $chan 0
  }
 }
}

# Start up the wapp framework.  Parameters are a list passed as the
# single argument.
#
#    -server $PORT         Listen for HTTP requests on this TCP port $PORT
#
#    -local $PORT          Listen for HTTP requests on 127.0.0.1:$PORT
#
#    -scgi $PORT           Listen for SCGI requests on TCP port $PORT
#
#    -cgi                  Handle a single CGI request
#
# With no arguments, the behavior is called "auto".  In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run
# as CGI.  Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional
 options:
#
#    -trace               "puts" each request URL as it is handled, for
#                         debugging
#
#    -lint                Run wapp-safety-check on the application instead
#                         of running the application itself
#
#    -Dvar=value          Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
 global env
 set mode auto
```

```
set port 0
set n [llength $arglist]
for {set i 0} {$i<$n} {incr i} {
  set term [lindex $arglist $i]
  if {[string match --* $term]} {set term [string range $term 1 end]}
  switch -glob -- $term {
    -server {
      incr i;
      set mode "server"
      set port [lindex $arglist $i]
    }
    -local {
      incr i;
      set mode "local"
      set port [lindex $arglist $i]
    }
    -scgi {
      incr i;
      set mode "scgi"
      set port [lindex $arglist $i]
    }
    -cgi {
      set mode "cgi"
    }
    -trace {
      proc wappInt-trace {} {

    set q [wapp-param QUERY_STRING]
        set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
        if {$q!=""} {append uri ?$q}
        puts $uri
      }
    }
    -lint {
      set res [wapp-safety-check]
      if {$res!=""} {
        puts "Potential problems in this code:"
        puts $res
        exit 1
      } else {
        exit
      }
    }
    -D*=* {
      if {[regexp {^.D([^=]+)=(.*)$} $term all var val]} {
        set ::$var $val
      }
    }
```

```
    default {
      error "unknown option: $term"
    }
  }
 }
 if {($mode=="auto"
     && [info exists env(GATEWAY_INTERFACE)]
     && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
  || $mode=="cgi"
 } {
  wappInt-handle-cgi-request
  return
 }
 if {$mode=="scgi"} {
  wappInt-start-listener $port scgi
 } elseif {$mode=="server"} {
  wappInt-start-listener $port server
 } else {
  wappInt-start-listener $port local
 }
 vwait ::forever
}

# Call this version
 1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {
 wapp-trim {
<!DOCTYPE html>
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="sqlite.css" rel="stylesheet">
<title>Search SQLite Documentation</title>
<!-- path= -->
</head>
<body>
<div class=nosearch>
<a href="index.html">
<img class="logo" src="images/sqlite370_banner.gif" alt="SQLite" border="0">
</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
```

```
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='about.html'>About</a>
<li class='desktoponly'><a href="docs.html">Documentation</a>
<li class='desktoponly'><a href="download.html">Download</a>
<li
 class='wideonly'><a href='copyright.html'>License</a>
<li class='desktoponly'><a href="support.html">Support</a>
<li class='desktoponly'><a href="prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='about.html'>About</a>
<li><a href='docs.html'>Documentation</a>
<li><a href='download.html'>Download</a>
<li><a href='support.html'>Support</a>
<li><a href='prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w = document.getElementById(nm);
if( w.style.display=="block"
 ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
```

```
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
}
function div_off(nm){document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match || !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display = 'none';
b.innerHTML='show';
}else{
x.style.display
 = '';
b.innerHTML='hide';
}
return false;
}
</script>
</div>
 }
}

#---------------------------------------------------------------------------
# Add an entry to the log database for the current query. Which
# returns $nRes results.
#
proc search_add_log_entry {nRes} {
 if {[wapp-param-exists donotlog]} return
 sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/search.d/searchlog.db
 db2 timeout 10000
 set ip [wapp-param REMOTE_ADDR]
 set query [wapp-param q]
 db2 eval {
   PRAGMA synchronous=OFF;
```

```
  PRAGMA journal_mode=OFF;
  BEGIN;
    CREATE TABLE IF NOT EXISTS log(
      ip,               -- IP query was made from
      query,              -- Fts5 query string
      nres,              -- Number of results
      timestamp DEFAULT CURRENT_TIMESTAMP
    );
    INSERT INTO log(ip, query, nres) VALUES($ip, $query, $nRes);
  COMMIT;
 }
 db2 close
}

#---------------------------------------------------------------------------
# This command
 is similar to the builtin Tcl [time] command, except that
# it only ever runs the supplied script once. Also, instead of returning
# a string like "xxx microseconds per iteration", it returns "x.yy ms" or
# "x.yy s", depending on the magnitude of the time spent running the
# command. For example:
#
#   % ttime {after 1500}
#   1.50 s
#   % ttime {after 45}
#   45.02 ms
#
proc ttime {script} {
 set t [lindex [time [list uplevel $script]] 0]
 if {$t>1000000} { return [format "%.2f s" [expr {$t/1000000.0}]] }
 return [format "%.2f ms" [expr {$t/1000.0}]]
}

#---------------------------------------------------------------------------
# Do a search of the change log
#
proc searchchanges {} {
 set q [wapp-param q]
 if {$q==""} {return {}}
 if {[regexp -all \x22 $q] % 2} { append q \x22 }
 set x ""
 foreach word [split $q " "] {
  append x " \"[string map [list "\"" "\"\""] $word]\""
 }
 set q [string trim $x]
 set open {<span style="background-color:#d9f2e6">}
 set close {</span>}
```

```
 set query {
  SELECT url, version, idx, highlight(change, 3, $open, $close) AS text
  FROM change($q) ORDER BY rowid ASC
 }
 wapp-trim {
  <p>Change log entries mentioning: <b>%html($q)</b>
  <table border=0>
 }
 set s2 "style=\"margin-top:0\""
 set s1 "style=\"font-size:larger; text-align:left\" class=nounderline"
 set prev ""
 db eval $query {
  if {$prev!=$version} {
    wapp-trim {
      <tr> <td %unsafe($s1) valign=top> <a href='%url($url)'>%html($version)</a>
      <td> <ul %unsafe($s2)>
    }
    set prev $version
  }
  wapp-subst {<li value=%html($idx)> (%html($idx)) %unsafe($text)\n}
 }
 wapp-trim {
  </table>
  <center><p>You can also see the <a href=changes.html>entire
  changelog as a single page</a> if you wish.</center>
 }
}

#---------------------------------------------------------------------------
# Do a search over all documentation other than the change log
#
proc searchresults {} {
 set q [wapp-param q]
 if {$q==""} {return
 ""}

 # Count the "" characters in $::A(q). If there is an odd number of
 # occurences, add a " to the end of the query so that fts5 can parse
 # it without error.
 if {[regexp -all \x22 $q] % 2} { append q \x22 }

 # Set iStart to the index of the first result to display. Results are
 # indexed starting at zero from most to least relevant.
 #
 set iStart 0
 catch {set iStart [expr {[wapp-param i 0]*10}]}

 # Grab a list of rowid results.
```

```
#
set sql {
  SELECT rowid FROM page WHERE page MATCH $q
  ORDER BY srank(page) DESC,
  rank * COALESCE(
    (SELECT percent FROM weight WHERE id=page.rowid), 100
  );
}
if {[catch { set lRowid [db eval $sql] }]} {
  set x ""
  foreach word [split $q " "] {
    append x " \"[string map [list "\"" "\"\""] $word]\""
  }
  set q [string trim $x]
  set lRowid [db eval $sql]
}

set lRes [list]
foreach rowid $lRowid {
  if {$rowid > 1000} {
    set parent [expr $rowid / 1000]
    lappend subsections($parent)
$rowid
  } else {
    lappend lRes $rowid
  }
}

set nRes [llength $lRes]
set lRes [lrange $lRes $iStart [expr $iStart+9]]

# Add an entry to the log database.
#
search_add_log_entry $nRes

# If there are no results, return a message to that effect.
#
if {[llength $lRes] == 0} {
  wapp-subst {<p>No Results for: <b>%html($q)</b>\n}
}

# HTML markup used to highlight keywords within FTS5 generated snippets.
#
set open {<span style="background-color:#d9f2e6">}
set close {</span>}
set ellipsis {<b> ... </b>}

# Grab the required data
```

```
#
db eval [string map [list %LIST% [join $lRowid ,]] {
  SELECT
    rowid AS parentid,
    snippet(page, 0, $open, $close, $ellipsis, 6)  AS s_apis,
    snippet(page, 2, $open, $close, '', 40)        AS s_title1,
    snippet(page, 3, $open, $close, $ellipsis, 40) AS s_title2,
    snippet(page, 4, $open, $close, $ellipsis, 40) AS s_content,
    url, rank
  FROM page($q)
  WHERE rowid
IN (%LIST%)
}] X {
  foreach k [array names X] { set data($X(parentid),$k) [set X($k)] }
}

set i1 [expr {$iStart+1}]
set i2 [expr {($nRes < $iStart+10) ? $nRes : $iStart+10}]
wapp-trim {
  <table border=0>
  <p>Search results %html($i1)..%html($i2) of %html($nRes) for: <b>%html($q)</b>
}

foreach rowid $lRes {

  foreach a {parentid s_apis s_title1 s_content url rank} {
    set $a $data($rowid,$a)
  }

  if {[info exists subsections($parentid)]} {
    set childid [lindex $subsections($parentid) 0]
    set link $data($childid,url)
    set hdr $data($childid,s_title2)

    if {$hdr==""} {
      set s_content ""
    } else {
      set s_content [subst {
        <b><a style=color:#044a64 href=$link>$hdr</a></b>
      }]
    }

    append s_content " $data($childid,s_content)"
  }

  wapp-trim {<tr>
    <td valign=top style="line-height:150%">
      <div style="white-space:wrap;font-size:larger" class=nounderline>
```

```
      <a href="%url($url)">%unsafe($s_title1)</a>

      <div style="float:right;font-size:smaller;color:#BBB">(%url($url))</div>
    </div>
      <div style="margin-left: 10ex; font:larger monospace">%unsafe($s_apis)</div>
    <div style="margin-left: 4ex; margin-bottom:1.5em">
      %unsafe($s_content)
    </div>
   </td>
  }
 }
 wapp-subst {</table>\n}


 # If the query returned more than 10 results, add up to 10 links to
 # each set of 10 results (first link to results 1-10, second to 11-20,
 # third to 21-30, as required).
 #
 if {$nRes>10} {
  set s(0) {border:solid #044a64 1px;padding:1ex;margin:1ex;line-height:300%;}
  set s(1) "$s(0);background:#044a64;color:white"
  wapp-subst {<center><p>\n}
  for {set i 0} {$i < 10 && ($i*10)<$nRes} {incr i} {
   set style $s([expr {($iStart/10)==$i}])
   wapp-trim {
    <a style="%html($style)"
      href="search?q=%qp($q)&i=%qp($i)">%html([expr $i+1])</a>
   }
  }
  wapp-subst {</center>\n}
 }
}

# This is the main entry point into the search result page generator
#
proc wapp-default {} {
 wapp-content-security-policy {default-src 'self' 'unsafe-inline'}
 wapp-allow-xorigin-params
 if {[wapp-param-exists env]} {
  search_header
  wapp-trim {
   <h1>Environment Dump For Debugging</h1>
   <pre>%html([wapp-debug-env])</pre>
  }
  return
 }

 # When running using the built-in webserver in Wapp (in other words,
```

```
# when not running as CGI) any filename that contains a "." loads
# directly from the filesystem.
if {[wapp-param WAPP_MODE]!="cgi"
 && [string match *.* [wapp-param PATH_INFO]]
} {
  set altfile [file dir [wapp-param SCRIPT_FILENAME]][wapp-param PATH_INFO]
  set fd [open $altfile rb]
  fconfigure $fd -translation binary
  wapp-unsafe [read $fd]
  close $fd
  switch -glob -- $altfile {
    *.html {
      wapp-mimetype text/html
    }
    *.css {
      wapp-mimetype text/css
    }
    *.gif {
      wapp-mimetype
image/gif
    }
  }
  return
}

search_header
sqlite3 db [file dir [wapp-param SCRIPT_FILENAME]]/search.d/search.db
set searchType [wapp-param s d]
if {$searchType=="c"} {
  set cmd searchchanges
} else {
  set cmd searchresults
}
db transaction {
  set t [ttime {$cmd}]
}
wapp-trim {
  <center>
  <p>Page generated by <a href='fts5.html'>FTS5</a> in about %html($t).
  </center>
  <script>
    window.addEventListener('load', function() {
      var w = document.getElementById("searchmenu");
      w.style.display = "block";
      w = document.getElementById("searchtype");
      w.value = "%string($searchType)"
      setTimeout(function(){
        var s = document.getElementById("searchbox");
```

```
        s.value = "%string([wapp-param q])"
        s.focus();
        s.select();
      }, 30);
    });
  </script>
 }
}
wapp-start $argv
```

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/search
No license file was found, but licenses were detected in source scan.

SQLite is high-quality, public domain software. The goal of
members can also request their own private, proprietary extensions

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/consortium.html
No license file was found, but licenses were detected in source scan.

<h2>SQLite Is Public Domain</h2>
Public Domain
public domain
the public domain and originals of
author, and all of those authors have public domain dedications
domain and ensure that the code does not become contaminated with proprietary
SQLite is in the public domain and does not require a license.
the public domain.
have the legal right to dedicate the SQLite to the public domain, and

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/copyright.html
No license file was found, but licenses were detected in source scan.

public domain. No claim of ownership is made

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/faq.html
No license file was found, but licenses were detected in source scan.

<html>
<body bgcolor="white">
FOR IMMEDIATE RELEASE:

<h2 align="center">SQLite Consortium Launches With Mozilla And Symbian As Charter Members</h2>

<h3 align="center">Ensures independent technical direction for world's
most deployed SQL database engine</h3>

Charlotte, North Carolina - December 12, 2007 - The SQLite Consortium,
a new membership association dedicated to maintaining SQLite as a fully open
and independent product, was formally announced today. Mozilla and Symbian Ltd.
have joined the SQLite Consortium as charter members.

SQLite is a compact, high efficiency, high reliability, embeddable SQL database
engine. The source code to SQLite is in the public domain and is available with
no associated fees. SQLite is the most deployed SQL database engine in the world
and is currently used in a wide range of commercial software products and electronic
devices from leading manufacturers.
SQLite is found today in many mobile phones,
MP3 players, set-top boxes, and PCs.

The mission of the SQLite Consortium is to continue developing and enhancing
SQLite as a product that anyone may use without paying royalties or licensing fees.
Members of the SQLite Consortium provide funding to enable this mission and in
return receive enterprise-level technical support. Technical control and direction
of SQLite remains entirely with the SQLite developers.

Mozilla, developer of the popular open-source Firefox web browser, and Symbian,
the market-leading open operating system for advanced data-enabled smartphones,
both deploy the SQLite database engine in their products. As charter members of
the Consortium, Mozilla and Symbian are ensuring the development and support of
SQLite as a freely accessible and public domain software asset.

"SQLite has become a popular embedded database because it is lightweight, fast,
and open source," said Michael Schroepfer,
Vice President of Engineering, Mozilla.
"As a charter member of the SQLite Consortium, Mozilla is excited to help ensure
SQLite remains a vibrant and open technology, in line with our mission to promote
choice and innovation on the Internet."

"The SQLite Consortium will help set the standards for database management
which are essential in smartphone functionality and will also help create a pool
of developers, highly-skilled in SQLite for future mobile phone development, "
said Bruce Carney, Director, Developer Programmes & Services, Symbian.
"Our involvement with the SQL Consortium not only demonstrates Symbian's commitment
to open standards in the industry, but as mobile phones become increasingly powerful
and smartphones become increasingly popular, we are focused on ensuring that
desktop developers, who move to the mobile space, have the easiest and most
productive experience possible."

SQLite is a winner of the 2005 Google/O'Reilly Open Source Award. Additional
information

regarding the SQLite Consortium is available at the SQLite website,
http://www.sqlite.org/.

# # #

About SQLite

SQLite is a software library that implements a self-contained, embeddable,
serverless, zero-configuration, transactional SQL database engine. The code for
SQLite is in the public domain and is free for any use, commercial or private.
SQLite is currently found in countless software titles and electronic devices.

SQLite was originally developed and released 2000 by Dr. D. Richard Hipp.
The code continues to be maintained and enhanced by an international team
of developers under Hipp's direction.

CONTACT INFORMATION:
SQLite Consortium
Dr. D. Richard Hipp
6200 Maple Cove Lane
Charlotte, NC 28269
Email: drh@sqlite.org
http://www.sqlite.org/
Tel: +1.704.948.4565

About Mozilla

Mozilla is a global community dedicated to building free, open source products

and technologies that improve the online experience for people everywhere.
Mozilla works in the open with a highly disciplined, transparent and cooperative
development process, under the umbrella of the non-profit Mozilla Foundation.
As a wholly owned subsidiary, the Mozilla Corporation organizes the development
and marketing of Mozilla products. This unique structure has enabled Mozilla to
financially support and cultivate competitive, viable community innovation.
For more information, visit www.mozilla.com.

CONTACT INFORMATION:
Mozilla Corporation
Jessica Waight
Tel: +1.415.345.4754
Email: jwaight@outcastpr.com

About Symbian Limited

Symbian is a software licensing company that develops and licenses Symbian OS,
the market-leading open operating system for advanced, data-enabled mobile phones
known as smartphones.

Symbian licenses Symbian OS to the world's leading handset manufacturers
and has built close co-operative business
relationships with leading companies
across the mobile industry. During Q3 2007, 20.4 million Symbian smartphones
were sold worldwide to over 250 major network operators, bringing the total
number of Symbian smartphones shipped up to 30 September 2007 to 165 million.

Symbian has its headquarters in London, United Kingdom, with offices in the
United States, United Kingdom, Asia (India, P.R. China, and Korea) and Japan.
For more information, please visit www.symbian.com.

CONTACT INFORMATION:
Symbian Global Press Office
Karen Hamblen
+44 207 154 1707
press@symbian.com

</body></html>

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/pressrelease-20071212.html
No license file was found, but licenses were detected in source scan.

<html>
<head>
<title>SQLite Consortium Agreement</title>
</head>
<body bgcolor="white">
<h1 align="center">
SQLite Consortium Agreement
</h1>

This SQLite Consortium Agreement ("Agreement") is made and
entered into as of the _____ day of _____, 2007 ("Effective Date")
by and between _____ (the "Company"), and
Hipp, Wyrick & Company, Inc., a Georgia Corporation with
headquarters at 6200 Maple Cove Lane, Charlotte, NC ("Hwaci").

WHEREAS, Hwaci is the developer of a serverless, embeddable, public
domain SQL database engine available at

http://www.sqlite.org/
("SQLite"); and

WHEREAS, Company wishes to support the independent development of
the SQLite database engine to insure the continuing reliability,
vitality, and independence of SQLite, and in connection therewith,
Company wishes to provide funds for ongoing research, development,
and
maintenance of the SQLite code base, operation of the SQLite
website, protection and maintenance of the SQLite
trademark, as well as for promotion of SQLite at conferences and
trade shows; and

WHEREAS, Company wishes to receive benefits in the form of
services from Hwaci in consideration for their support of SQLite; and

WHEREAS, Company and Hwaci each wish SQLite to be supported and
maintained as an independent, community-driven project, and to
ensure the SQLite development team remains independent.

NOW, THEREFORE, in consideration of the mutual promises contained
herein, the parties agree as follows:

<h2>1.0 Definitions</h2>

<h3>1.1 SQLite Developers</h3>
The "SQLite Developers" are the employees or contractors of Hwaci engaged
in the development of SQLite, including without limitation the
SQLite Architect.

<h3>1.2 SQLite Architect</h3>
The "SQLite Architect" is the SQLite Developer with ultimate
responsibility and authority over changes
and maintenance of the
SQLite code. The current SQLite Architect is the original designer
and developer of SQLite, D. Richard Hipp. Hwaci may change the
SQLite Architect from time to time upon approval by Company.

<h3>1.3 Consortium Member</h3>
A "Consortium Member" is a company or organization, including
but not limited to Company, which has entered into an agreement
with Hwaci which is substantially similar to this Agreement.

<h2>2.0 Agreement<h2>

<h3>2.1 Responsibilities And Obligations Of SQLite Developers</h3>

<h4>2.1.1 General Support</h4>
The SQLite Developers shall provide, without limit,
timely and accurate answers, advice, and instruction
in response to questions and comments from Company about SQLite
submitted by email or by telephone at any time day or night.

<h4>2.1.2 Debugging Support</h4>
The SQLite Developers shall at Company's request provide
Company with direct assistance
in debugging applications that are built upon or use SQLite.
The combined
time for Debugging Support and Custom
Development for Company is limited to 330 hours per year.

<h4>2.1.3 Custom Development</h4>
The SQLite Developers shall at the request of Company
write new extensions or enhancements
to SQLite according to Company's specifications. These extensions
and enhancements may be proprietary to Company or open source or
with the consent of both Company and the SQLite Architect may
be folded into the public domain SQLite source tree.
The time devoted to Custom Development for Company is limited 220 hours
per year.

<h4>2.1.4 Custom Builds</h4>
The SQLite Developers shall at Company's request provide Company
with specialized builds of SQLite according to Company's specifications.

<h4>2.1.5 Legacy Support</h4>
The SQLite Developers shall at Company's request provide support
and bug-fix patches for any historical version of SQLite.

<h4>2.1.6 Custom Testing</h4>
The SQLite Developers shall at Company's request set up and
run
acceptance tests according Company's specifications that are specifically
designed to exercise SQLite as configured and used by Company.
These acceptance tests shall be run and shall pass prior to any release
of SQLite.

<h4>2.1.7 Priority Bug Fixes</h4>
The SQLite Developers shall assign highest priority to fixing bugs

in SQLite that are reported by Company or in which Company has
expressed a specific interest.

<h4>2.1.8 Code Quality</h4>
The SQLite Developers shall at all times keep the SQLite source
code well commented and documented and clearly structured and
organized so that an experienced and competent programmer can
understand it and support it after no more than a few months of study.

<h4>2.1.9 Backwards Compatibility</h4>
The SQLite Developers recognize that Company uses SQLite
in mission-critical applications and therefore shall work diligently
to ensure continuing bug-free correct operation and backwards
compatibility with prior releases.

<h4>2.1.10
Test Coverage</h4>
The SQLite Developers shall maintain the SQLite test suite such
that no less than 95% source code coverage is provided.

<h4>2.1.11 Website</h4>
The SQLite Developers shall maintain the SQLite website at
http://www.sqlite.org/
in good working order and all SQLite source code shall
be made freely available at such website.

<h3>2.2 Responsibilities And Obligations Of The SQLite Architect</h3>

<h4>2.2.1 Private Briefings</h4>
The SQLite Architect shall, at the request of Company,
provide Company with private notification and briefings
of any new bugs or new features in SQLite that might
effect Company's products.

<h4>2.2.2 Direction</h4>
The SQLite Architect shall coordinate the activities of SQLite
Developers and shall publish from time to time a roadmap of
proposed future changes and enhancements to SQLite.

<h4>2.2.3 Oversight</h4>

The SQLite Architect shall personally
review all changes to
the SQLite Source Code and take responsibility for the quality
and correctness of those changes.

<h4>2.2.4 Continuity</h4>
The initial SQLite Architect shall be the original developer
of SQLite, D. Richard Hipp. The role of SQLite Architect shall
not be assigned to another during the term of this Agreement except
due to the disability of Dr. Hipp and with approval of Company.

<h3>2.3 Responsibilities And Obligations Of Hwaci</h3>

<h4>2.3.1 Employer</h4>
Hwaci shall act as the employer of the SQLite Developers and
SQLite Architect and shall make all tax and legal filings
and tax withholding required by employers. Hwaci shall provide
Company with W-9 information upon request.

<h4>2.3.2 Responsible Party</h4>
All obligations of the SQLite Developers set forth in this
agreement are deemed obligations of Hwaci. Hwaci shall recruit,
employ, and supervise SQLite Developers in such a way that the
responsibilities and obligations of the SQLite
Developers set
forth in this agreement are upheld.

<h4>2.3.3 Multiple Developers</h4>
Hwaci shall recruit and employ as many SQLite Developers for as
many hours as can be reasonably achieved using the funds received
from Consortium Members under this agreement.
So that support for SQLite will not be interrupted by the
disability or withdrawal of any one SQLite Developer, Hwaci will
keep at least two knowledgeable and competent SQLite Developers
on staff.

<h4>2.3.4 Mentorship</h4>
Hwaci shall work to encourage independent
programmers from around the world
to become familiar with SQLite internals so that there will be a
pool of talent able to support SQLite in the future.

<h4>2.3.5 Audits</h4>
Hwaci shall keep and maintain complete and accurate records

of the use of development funds provided by Company
and shall allow Company, or its representative, a certified
public accountant mutually acceptable to Hwaci and Company,
during office hours and at reasonable
 intervals, no more than
once every 12 months, to inspect and make extracts or copies
of such records solely for the purpose of ascertaining Hwaci's
compliance with the objectives and requirements of this agreement.

<h4>2.3.6 Disaster Planning</h4>
Hwaci shall maintain backup copies of all
SQLite source files and documentation, current and historical,
at at least two separate locations separated from each
other and from the primary on-line SQLite repository
by at least 400 kilometers.

<h4>2.3.7 Trademark</h4>
Hwaci shall maintain ownership of the SQLite trademark and
the sqlite.org domain name and shall purchase bandwidth and
server space for the
http://www.sqlite.org/ website.

<h4>2.3.8 No Take-overs or Buy-outs</h4>
Neither Hwaci nor the SQLite Architect shall relinquish development
control of SQLite during the term of this Agreement, by acquisition or merger
or by any other means,
except with the consent of Company.

<h4>2.3.9
 New Consortium Members</h4>
New Consortium Members may be accepted into the consortium from
time to time under identical terms as this agreement, or under
substantially similar terms that have been approved by existing
Consortium Members.

<h4>2.3.10 Adequate Staff</h4>
Hwaci shall recruit and employ a sufficient number of qualified
SQLite Developers to easily cover all custom development,
debugging, and general support service obligations for all
Consortium Members while still providing ample time for
the SQLite Developers to engage in general maintenance
and extension of SQLite.

<h4>2.3.11 Use Of Funds</h4>
Hwaci shall use the funds provided hereunder
solely for the development and maintenance of SQLite as set forth in
this Agreement.
Interest on funds received in advance and held in trust will
be reinvested and used for the same purposes as the principal.

<h3>2.4 Responsibilities And Obligations Of Company</h3>

<h4>2.4.1 Funding</h4>
Company
shall provide funding for the ongoing support and
maintenance of SQLite as set forth in section 3.0 "Fees".

<h4>2.4.2 Copyright Disclaimer</h4>
Company acknowledges that SQLite source code and documentation
published on the SQLite website
is in the public domain and that nothing in this agreement shall change
that fact.

<h2>3.0 Fees</h2>

In consideration of the performance
by Hwaci, the SQLite Developers, and the SQLite Architect
of the obligations described herein,
Company shall pay Hwaci at least US $75,000 per year in advance
either annually, quarterly, or monthly, at Company's discretion.

<h2>4.0 Confidentiality</h2>

<h3>4.1 Definition of Confidential Information</h3>

"Confidential Information" means any Company proprietary information,
technical data, trade secrets or know-how, including, but not limited to,
research, product plans, products, services, customers, customer lists,
markets, software, developments,
inventions, processes, formulas,
technology, designs, drawings, engineering, hardware configuration
information, marketing, finances or other business information
disclosed by Company either directly or indirectly in writing,
orally or by drawings or inspection of parts or equipment.

<h3>4.2 Non-Use and Non-Disclosure.</h3>

Hwaci shall not, during or subsequent to the term of this Agreement,

use Company's Confidential Information for any purpose whatsoever other than the performance of the Services or disclose Company's Confidential Information to any third party. The parties acknowledge that Confidential Information will remain the sole property of Company. Hwaci shall take all reasonable precautions to prevent any unauthorized disclosure of Confidential Information including, but not limited to, having each employee or consultant of Hwaci, if any, with access to any Confidential Information, execute a nondisclosure agreement containing provisions in Company's favor substantially similar to this Agreement. Confidential Information does not include information that: (i) is known to Hwaci at the time of disclosure to Hwaci by Company as evidenced by written records of Hwaci; (ii) has become publicly known and made generally available through no wrongful act of Hwaci; or (iii) has been received by Hwaci from a third party who is authorized to make such disclosure.

<h4>4.2.1 Disclosure Required by Law</h4>
In the event any Confidential Information is required to be disclosed by Hwaci under the terms of a valid and effective subpoena or order issued by a court of competent jurisdiction, or by a demand or information request from an executive or administrative agency or other governmental authority, Hwaci shall, unless prohibited by the terms of a subpoena, order, or demand, promptly notify Company of the existence, terms and circumstances surrounding such demand or request, shall consult with Company on the advisability of taking legally available steps to resist or narrow such demand or request, and, if disclosure of such Confidential Information is required, shall exercise its reasonable best efforts to narrow the scope of disclosure and obtain an order or other reliable assurance that confidential treatment will be accorded to such Confidential Information. To the extent that Hwaci is prohibited from notifying Company of a subpoena, order or demand, by the terms of same, Hwaci shall exercise its reasonable efforts to narrow the scope of disclosure.

<h3>4.3 Return of Materials.</h3>

Upon the termination of this Agreement, or upon Company's earlier request, Hwaci shall deliver to Company all of Company's property or Confidential Information that Hwaci may have in Hwaci's possession or control.

<h2>5.0 Intellectual Property</h2>

<h3>5.1 No Assignment</h3>

Company acknowledges that all copyrightable material, notes,
records, drawings, designs, inventions, improvements, developments,

discoveries and trade secrets made, generated, conceived, or
reduced to practice by Hwaci related to SQLite
will remain the property of Hwaci. Nothing in this Agreement
will be construed to transfer any intellectual property right
of Hwaci to Company.

<h3>5.2 Availability and Public Domain Dedication</h3>

The SQLite Developers and Hwaci shall,
subject to their discretion as to the quality
and suitability of the SQLite source code and documentation
for public release, make
the SQLite source code and documentation
publicly available as downloadable files
and make a public statement ceding all intellectual
property rights, including but not limited to copyright
and patent rights, in the SQLite source code and documentation
to the public domain.
To the extent that the SQLite Developers and Hwaci
elect not to release the SQLite
source code and documentation
publicly, they shall provide copies thereof to
Company and hereby grants to Company, under all of the
SQLite
Developers' and Hwaci's
rights
including but not limited to copyright and patent rights,
in and to the SQLite source code and documentation,
perpetual, irrevocable,
worldwide, non-exclusive, sublicenseable license to use,
copy, prepare derivative works of, publicly perform and
display the SQLite source code and documentation
and derivative works thereof.

<h3>5.3 Trademark</h3>

Hwaci shall use the name "SQLite" only to apply to the
publicly available project known by such name as of the
Effective Date. Hwaci may in its discretion file such
trademark applications or registrations as it deems
appropriate to protect or record its rights therein,
and may set such policies as it deems appropriate for

licensing the use of the trademark.

<h2>6.0 Representations And Warranties</h3>

<h3>6.1 Intellectual Property Clearances.</h3>

Hwaci hereby represents and warrants that Hwaci shall
enter into agreements with the SQLite Developers sufficient
to enable Hwaci to
undertake the obligations of Section 5.

<h3>6.2 Disclaimer.</h3>

THE WORK PRODUCT AND ALL MATERIAL PROVIDED BY HWACI AND
COMPANY ARE PROVIDED "AS IS." NEITHER PARTY MAKES ANY
REPRESENTATIONS OR WARRANTIES OF ANY KIND, WHETHER ORAL
OR WRITTEN, WHETHER EXPRESS, IMPLIED, OR ARISING BY STATUTE,
CUSTOM, COURSE OF DEALING OR TRADE USAGE, WITH RESPECT TO
THE SUBJECT MATTER HEREOF, IN CONNECTION WITH THIS AGREEMENT.
EACH PARTY SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED
WARRANTIES OR CONDITIONS OF TITLE, MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT.

<h2>7.0 Term And Termination</h2>

<h3>7.1 Term.</h3>

This Agreement will commence on the Effective Date and
will continue until 12 months after the Effective Date.
Thereafter, the parties may by mutual consent renew
this Agreement subject to agreement on fees to be paid by
Company for sponsorship for additional periods.

<h3>7.2 Termination.</h3>

If either party materially defaults in
the performance
of any of its material obligations hereunder and if any
such default is not corrected within 30 days after notice
in writing, then the non-defaulting party, at its option,
may, in addition to any other remedies it may have, thereupon
terminate this Agreement by giving written notice of
termination to the defaulting party.

<h3>7.3 Survival.</h3>

Upon such termination all rights and duties of the
parties toward each other will cease except:

Sections 4 (Confidentiality), 5 (Intellectual Property),
and 8 (Miscellaneous) will survive termination of this Agreement.

<h2>8. Miscellaneous</h2>

<h3>8.1 Nonassignment/Binding Agreement.</h3>

The parties acknowledge that the unique nature of
Hwaci's services are substantial consideration for the
parties' entering into this Agreement. Neither this
Agreement nor any rights under this Agreement may be
assigned or otherwise transferred by Hwaci, in whole
or in part, whether voluntarily or by operation
of law,
without the prior written consent of Company, which
consent will not be unreasonably withheld.
Subject to the foregoing, this Agreement will be binding
upon and will inure to the benefit of the parties and
their respective successors and assigns. Any assignment
in violation of the foregoing will be null and void.

<h3>8.2 Notices.</h3>

Any notice required or permitted under the terms of
this Agreement or required by law must be in writing
and must be: (a) delivered in person; (b) sent by first
class registered mail, or air mail, as appropriate; or
(c) sent by overnight air courier, in each case properly
posted and fully prepaid to the appropriate address set
forth in the preamble to this Agreement. Either party
may change its address for notice by notice to the other
party given in accordance with this Section. Notices
will be considered to have been given at the time of
actual delivery in person, three business days after
deposit in the mail as set forth
above, or one day after
delivery to an overnight air courier service.

<h3>8.3 Waiver.</h3>

Any waiver of the provisions of this Agreement or
of a party's rights or remedies under this Agreement
must be in writing to be effective. Failure, neglect,
or delay by a party to enforce the provisions of this
Agreement or its rights or remedies at any time, will
not be construed as a waiver of such party's rights
under this Agreement and will not in any way affect
the validity of the whole or any part of this Agreement

or prejudice such party's right to take subsequent action. No exercise or enforcement by either party of any right or remedy under this Agreement will preclude the enforcement by such party of any other right or remedy under this Agreement or that such party is entitled by law to enforce.

<h3>8.4 Severability.</h3>

If any term, condition, or provision in this Agreement is found to be invalid, unlawful or unenforceable to any extent, the parties shall endeavor in good faith to agree to such amendments that will preserve, as far as possible, the intentions expressed in this Agreement. If the parties fail to agree on such an amendment, such invalid term, condition or provision will be severed from the remaining terms, conditions and provisions, which will continue to be valid and enforceable to the fullest extent permitted by law.

<h3>8.5 Integration.</h3>

This Agreement contains the entire agreement of the parties with respect to the subject matter of this Agreement and supersedes all previous communications, representations, understandings and agreements, either oral or written, between the parties with respect to said subject matter. This Agreement may not be amended, except by a writing signed by both parties.

<h3>8.6 Counterparts.</h3>

This Agreement may be executed in counterparts, each of which so executed will be deemed to be an original and such counterparts together will constitute one and the same agreement.

<h3>8.7 Governing Law.</h3>

This Agreement will be interpreted and construed in accordance with the laws of the State of North Carolina and the United States of America, without regard to conflict of law principles. All disputes arising out of this Agreement will be subject to the exclusive jurisdiction of the state and federal courts located in North Carolina, and each party hereby consents to the

personal jurisdiction thereof.

<h3>8.8 Independent Contractors.</h3>

It is the intention of the parties that Hwaci is an
independent contractor. Nothing in this Agreement will
in any way be construed to constitute Hwaci or any of
its employees as an agent, employee or representative
of Company.

<h2>9.0 Signatures</h2>

The parties have executed this Agreement below to
indicate their acceptance of its terms.

<table width="100%" border="0">
<tr><td valign="top">
HWACI
By:<hr>

Print Name:<hr>

Title:<hr>

</td><td
 width="10%"></td>
<td valign="top">
COMPANY
By:<hr>

Print Name:<hr>

Title:<hr>

</td></tr></table>

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/consortium_agreement-20071201.html
No license file was found, but licenses were detected in source scan.

SQLite core and like the SQLite core are in the public domain. The
The TH3 test harness is a set of proprietary tests, written in
Beginning in late 2018, SQLite has been fuzzed using a new proprietary

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/testing.html
No license file was found, but licenses were detected in source scan.

SQLite is open source, and is available in the public domain

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* /sqlite3-3-31-1-orig-www-1-tar-xz/www/books.html
No license file was found, but licenses were detected in source scan.

is free to use SQLite from multiple threads, but it must make sure

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No license file was found, but licenses were detected in source scan.

SQLite is in the public domain. This document describes what that means

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* /sqlite3-3-31-1-orig-www-1-tar-xz/www/docs.html
No license file was found, but licenses were detected in source scan.

If N>0 then the connection is free to use more of the WAL file beyond

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* /sqlite3-3-31-1-orig-www-1-tar-xz/www/walformat.html
No license file was found, but licenses were detected in source scan.

<html>
<title>SQLite Copyright Release Template</title>
<body bgcolor="white">
<h1 align="center">
Copyright Release for
Contributions To SQLite
</h1>

SQLite is software that implements an embeddable SQL database engine.
SQLite is available for free download from http://www.sqlite.org/.
The principal author and maintainer of SQLite has disclaimed all
copyright interest in his contributions to SQLite
and thus released his contributions into the public domain.
In order to keep the SQLite software unencumbered by copyright
claims, the principal author asks others who may from time to
time contribute changes and enhancements to likewise disclaim
their own individual copyright interest.

Because the SQLite software found at http://www.sqlite.org/ is in the
public domain, anyone is free to download the SQLite software
from that website, make changes to the software, use, distribute,

or sell the modified software,
 under either the original name or
under some new name, without any need to obtain permission, pay
royalties, acknowledge the original source of the software, or
in any other way compensate, identify, or notify the original authors.
Nobody is in any way compelled to contribute their SQLite changes and
enhancements back to the SQLite website. This document concerns
only changes and enhancements to SQLite that are intentionally and
deliberately contributed back to the SQLite website.

For the purposes of this document, "SQLite software" shall mean any
computer source code, documentation, makefiles, test scripts, or
other information that is published on the SQLite website,
http://www.sqlite.org/. Precompiled binaries are excluded from
the definition of "SQLite software" in this document because the
process of compiling the software may introduce information from
outside sources which is not properly a part of SQLite.

The header comments on the SQLite source
 files exhort the reader to
share freely and to never take more than one gives.
In the spirit of that exhortation I make the following declarations:

I dedicate to the public domain
any and all copyright interest in the SQLite software that
was publicly available on the SQLite website (http://www.sqlite.org/) prior
to the date of the signature below and any changes or enhancements to
the SQLite software
that I may cause to be published on that website in the future.
I make this dedication for the benefit of the public at large and
to the detriment of my heirs and successors. I intend this
dedication to be an overt act of relinquishment in perpetuity of
all present and future rights to the SQLite software under copyright
law.

To the best of my knowledge and belief, the changes and enhancements that
I have contributed to SQLite are either originally written by me
or are derived from prior works which I have verified are also
in the public domain

and are not subject to claims of copyright
by other parties.

To the best of my knowledge and belief, no individual, business, organization,
government, or other entity has any copyright interest
in the SQLite software as it existed on the
SQLite website as of the date on the signature line below.

I agree never to publish any additional information
to the SQLite website (by CVS, email, scp, FTP, or any other means) unless
that information is an original work of authorship by me or is derived from
prior published versions of SQLite.
I agree never to copy and paste code into the SQLite code base from
other sources.
I agree never to publish on the SQLite website any information that
would violate a law or breach a contract.

<table width="100%" cellpadding="0" cellspacing="0">
<tr>
<td width="60%" valign="top">
Signature:

</td><td valign="top" align="left">
Date:
</td></tr>
<td colspan=2>
Name
(printed):
</td>
</tr>
</table>
</body>
</html>

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/copyright-release.html
No license file was found, but licenses were detected in source scan.

<h2>Proprietary SQLite Extensions</h2>

public domain. But there also exist
proprietary, licensed extensions to SQLite.

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/support.html
No license file was found, but licenses were detected in source scan.

SQLite itself is in the public domain and
can be used for any purpose. But TH3 is proprietary and requires a license.

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application is free to use the same database connection or the

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No license file was found, but licenses were detected in source scan.

public domain and so most

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/famous.html
No license file was found, but licenses were detected in source scan.

Public domain
The source code for SQLite is in the public domain. No claim of copyright

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/different.html
No license file was found, but licenses were detected in source scan.

other proprietary or non-standard VFSes.

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/uri.html
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public domain.

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* /sqlite3-3-31-1-orig-www-1-tar-xz/www/changes.html
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Sources are in the public domain.
or some proprietary format into

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* /sqlite3-3-31-1-orig-www-1-tar-xz/www/features.html
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 Public domain source code
public domain and is thus free for

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/about.html
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without a shared lock, other processes are free to modify the database

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/atomiccommit.html
No license file was found, but licenses were detected in source scan.

<dd><p>The psow query parameter works with the default windows and unix VFSes but might be a no-op for other proprietary or non-standard VFSes.
<dd><p>One might, for example, want to query all objects that overlap with the 35th parallel: SELECT id FROM demo_index WHERE maxY>=35.0 AND minY<=35.0; But, generally speaking, the more constraints that the R*Tree module has to work with, and the smaller the bounding box, the faster the results will come back. 3.4. Roundoff Error By default, coordinates are stored in an R*Tree using 32-bit floating point values. When a coordinate cannot be exactly represented by a 32-bit floating point number, the lower-bound coordinates are rounded down and the upper-bound coordinates are rounded up. Thus, bounding boxes might be slightly larger than specified, but will never be any smaller. This is exactly what is desired for doing the more common "overlapping" queries where the application
wants to find every entry in the R*Tree that overlaps a query bounding box. Rounding the entry bounding boxes outward might cause a few extra entries to appears in an overlapping query if the edge of the entry bounding box corresponds to an edge of the query bounding box. But the overlapping query will never miss a valid table entry. However, for a "contained-within" style query, rounding the bounding boxes outward might cause some entries to be excluded from the result set if the edge of the entry bounding box corresponds to the edge of the query bounding box. To guard against this, applications should expand their contained-within query boxes slightly (by 0.000012%) by rounding down the lower coordinates and rounding up the top coordinates, in each dimension. 3.5. Reading And Writing At The Same Time It is the nature of the Guttman R-Tree algorithm that any write might radically restructure the tree, and in the process change the scan order of the nodes. For this reason, it is not
generally possible to modify the R-Tree in the middle of a query of the R-Tree. Attempts to do so will fail with a SQLITE_LOCKED "database table is locked" error. So, for example, suppose an application runs one query against an R-Tree like this: SELECT id FROM demo_index WHERE maxY>=35.0 AND minY<=35.0; Then for each "id" value returned, suppose the application creates an UPDATE statement like the following and binds the "id" value returned against the "?1" parameter: UPDATE demo_index SET maxY=maxY+0.5 WHERE id=?1; Then the UPDATE might fail with an SQLITE_LOCKED error. The reason is that the initial query has not run to completion. It is remembering its place in the middle of a scan of the R-Tree. So an update to the R-Tree cannot be tolerated as this would disrupt the scan. It is also possible to express this kind of simultaneous read and write on an R-Tree within a single query, for example if an UPDATE statement tries to change the value of one row of the R-Tree based on a complicated
query from another row of the same R-Tree, perhaps something like this: UPDATE demo_index SET maxY = (SELECT max(maxX) FROM demo_index AS x2 WHERE x2.maxY>demo_index.x2) WHERE maxY>=35.0 AND

minY<=35.0; This is a limitation of the R-Tree extension only. Ordinary tables in SQLite are able to read and write at the same time. Other virtual tables might (or might not) also that capability. And R-Tree can appear to read and write at the same time in some circumstances, if it can figure out how to reliably run the query to completion before starting the update. But you shouldn't count on that for every query. Generally speaking, it is best to avoid running queries and updates to the same R-Tree at the same time. If you really need to update an R-Tree based on complex queries against the same R-Tree, it is best to run the complex queries first and store the results in a temporary table, then update the R-Tree based on the values stored in the temporary table. 4. Using R*Trees Effectively

For SQLite versions prior to 3.24.0 (2018-06-04), the only information that an R*Tree index stores about an object is its integer ID and its bounding box. Additional information needs to be stored in separate tables and related to the R*Tree index using the primary key. For the example above, one might create an auxiliary table as follows: CREATE TABLE demo_data(id INTEGER PRIMARY KEY, -- primary key objname TEXT, -- name of the object objtype TEXT, -- object type boundary BLOB -- detailed boundary of object); In this example, the demo_data.boundary field is intended to hold some kind of binary representation of the precise boundaries of the object. The R*Tree index only holds an axis-aligned rectangular boundary for the object. The R*Tree boundary is just an approximation of the true object boundary. So what typically happens is that the R*Tree index is used to narrow a search down to a list of candidate objects and then more detailed and expensive computations are done on each candidate

to find if the candidate truly meets the search criteria. Key Point: An R*Tree index does not normally provide the exact answer but merely reduces the set of potential answers from millions to dozens. Suppose the demo_data.boundary field holds some proprietary data description of a complex two-dimensional boundary for an object and suppose that the application has used the sqlite3_create_function() interface to created application-defined functions "contained_in" and "overlaps" accepting two demo_data.boundary objects and return true or false. One may assume that "contained_in" and "overlaps" are relatively slow functions that we do not want to invoke too frequently. Then an efficient way to find the name of all objects located within the North Carolina 12th District, one may be to run a query like this: SELECT objname FROM demo_data, demo_index WHERE demo_data.id=demo_index.id AND contained_in(demo_data.boundary, :boundary) AND minX>=-81.0 AND maxX<=-79.6 AND minY>=35.0 AND maxY>=36.2;

In the query above, one would presumably bind the binary BLOB description of the precise boundary of the 12th district to the ":boundary" parameter. Notice how the query above works: The R*Tree index runs in the outer loop to find entries that are contained within the bounding box of longitude -81..-79.6 and latitude 35.0..36.2. For each object identifier found, SQLite looks up the corresponding entry in the demo_data table. It then uses the boundary field from the demo_data table as a parameter to the contained_in() function and if that function returns true, the objname field from the demo_data table is returned as the next row of query result. One would get the same answer without the use of the R*Tree index using the following simpler query: SELECT objname FROM demo_data WHERE contained_in(demo_data.boundary, :boundary); The problem with this latter query is that it must apply the contained_in() function to millions of entries in the demo_data table. The use of the R*Tree

in the penultimate query reduces the number of calls to contained_in() function to a small subset of the entire table. The R*Tree index did not find the exact answer itself, it merely limited the search space. 4.1. Auxiliary Columns Beginning with SQLite version 3.24.0 (2018-06-04), r-tree tables can have auxiliary columns that store arbitrary data. Auxiliary columns can be used in place of secondary tables such as "demo_data". Auxiliary columns are marked with a "+" symbol before the column name. Auxiliary columns must come after all of the coordinate boundary columns. There is a limit of no more than 100 auxiliary columns. The following example shows an r-tree table with auxiliary columns that is equivalent to the two tables "demo_index" and "demo_data" above: CREATE VIRTUAL TABLE demo_index2 USING rtree(id, -- Integer primary key minX, maxX, -- Minimum and maximum X coordinate minY, maxY, -- Minimum and maximum Y coordinate +objname TEXT, -- name of the object +objtype TEXT, -- object

type +boundary BLOB -- detailed boundary of object);

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/requirements.html
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Suppose the demo_data.boundary field holds some proprietary data description

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/rtree.html
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application code is free to use these routines as well, if desired.

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* /sqlite3-3-31-1-orig-www-1-tar-xz/www/34to35.html
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access to all proprietary extensions and test suites.
access to all proprietary extensions and test suites.
public domain,

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/prosupport.html
No license file was found, but licenses were detected in source scan.

```
#!/usr/bin/tclsh.docsrc
#### Import of wapp.tcl
# Copyright (c) 2017 D. Richard Hipp
#
# This program is free software; you can redistribute it and/or
# modify it under the terms of the Simplified BSD License (also
# known as the "2-Clause License" or "FreeBSD License".)
#
# This program is distributed in the hope that it will be useful,
# but without any warranty; without even the implied warranty of
# merchantability or fitness for a particular purpose.
#
#-------------------------------------------------------------------------
#
# Design rules:
#
#   (1)  All identifiers in the global namespace begin with "wapp"
#
#   (2)  Indentifiers intended for internal use only begin with "wappInt"
#

# Add text to the end of the HTTP reply.  No interpretation or transformation
# of the text is performs.  The argument should be enclosed within {...}
#
```

```
proc wapp {txt} {
 global wapp
 dict append wapp .reply $txt
}

# Add
 text to the page under construction.  Do no escaping on the text.
#
# Though "unsafe" in general, there are uses for this kind of thing.
# For example, if you want to return the complete, unmodified content of
# a file:
#
#       set fd [open content.html rb]
#       wapp-unsafe [read $fd]
#       close $fd
#
# You could do the same thing using ordinary "wapp" instead of "wapp-unsafe".
# The difference is that wapp-safety-check will complain about the misuse
# of "wapp", but it assumes that the person who write "wapp-unsafe" understands
# the risks.
#
# Though occasionally necessary, the use of this interface should be minimized.
#
proc wapp-unsafe {txt} {
 global wapp
 dict append wapp .reply $txt
}

# Add text to the end of the reply under construction.  The following
# substitutions are made:
#
#    %html(...)         Escape text for inclusion in HTML
#    %url(...)          Escape text for use as a URL
#    %qp(...)           Escape text for use as a URI query parameter
#
    %string(...)       Escape text for use within a JSON string
#    %unsafe(...)       No transformations of the text
#
# The substitutions above terminate at the first ")" character.  If the
# text of the TCL string in ... contains ")" characters itself, use instead:
#
#    %html%(...)%
#    %url%(...)%
#    %qp%(...)%
#    %string%(...)%
#    %unsafe%(...)%
#
# In other words, use "%(...)%" instead of "(...)" to include the TCL string
```

```
# to substitute.
#
# The %unsafe substitution should be avoided whenever possible, obviously.
# In addition to the substitutions above, the text also does backslash
# escapes.
#
proc wapp-subst {txt} {
 global wapp
 regsub -all {%(html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
       {[wappInt-enc-\1 "\3"]} txt
 dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# Works like wapp-subst, but also removes whitespace from the beginning
# of lines.
#
proc wapp-trim {txt} {
 global wapp
 regsub -all {\n\s+} [string
 trim $txt] \n txt
 regsub -all {%(html|url|qp|string|unsafe){1,1}?(|%)\((.+)\)\2} $txt \
       {[wappInt-enc-\1 "\3"]} txt
 dict append wapp .reply [uplevel 1 [list subst -novariables $txt]]
}

# There must be a wappInt-enc-NAME routine for each possible substitution
# in wapp-subst.  Thus there are routines for "html", "url", "qp", and "unsafe".
#
#    wappInt-enc-html          Escape text so that it is safe to use in the
#                              body of an HTML document.
#
#    wappInt-enc-url           Escape text so that it is safe to pass as an
#                              argument to href= and src= attributes in HTML.
#
#    wappInt-enc-qp            Escape text so that it is safe to use as the
#                              value of a query parameter in a URL or in
#                              post data or in a cookie.
#
#    wappInt-enc-string        Escape ", ', \, and < for using inside of a
#                              javascript string literal.
  The < character
#                              is escaped to prevent "</script>" from causing
#                              problems in embedded javascript.
#
#    wappInt-enc-unsafe        Perform no encoding at all.  Unsafe.
#
proc wappInt-enc-html {txt} {
 return [string map {& &amp; < &lt; > &gt; \" &quot; \\ &#92;} $txt]
```

```
}
proc wappInt-enc-unsafe {txt} {
 return $txt
}
proc wappInt-enc-url {s} {
 if {[regsub -all {[^-{}@~?=#_.:/a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]} s]} {
   set s [subst -novar -noback $s]
 }
 if {[regsub -all {[{}]} $s {[wappInt-%HHchar \\&]} s]} {
   set s [subst -novar -noback $s]
 }
 return $s
}
proc wappInt-enc-qp {s} {
 if {[regsub -all {[^-{}_.a-zA-Z0-9]} $s {[wappInt-%HHchar {&}]} s]} {
   set s [subst -novar -noback $s]
 }
 if {[regsub -all {[{}]} $s {[wappInt-%HHchar \\&]} s]} {
   set s [subst -novar -noback $s]
 }
 return $s
}
proc wappInt-enc-string {s} {
 return [string map {\\ \\\\ \" \\\" ' \\' < \\u003c} $s]
}

# This is a
 helper routine for wappInt-enc-url and wappInt-enc-qp.  It returns
# an appropriate %HH encoding for the single character c.  If c is a unicode
# character, then this routine might return multiple bytes:  %HH%HH%HH
#
proc wappInt-%HHchar {c} {
 if {$c==" "} {return +}
 return [regsub -all .. [binary encode hex [encoding convertto utf-8 $c]] {%&}]
}



# Undo the www-url-encoded format.
#
# HT: This code stolen from ncgi.tcl
#
proc wappInt-decode-url {str} {
 set str [string map [list + { } "\\" "\\\\" \[ \\\[ \] \\\]] $str]
 regsub -all -- \
     {%([Ee][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])} \
     $str {[encoding convertfrom utf-8 [binary decode hex \1\2\3]]} str
 regsub -all -- \
     {%([CDcd][A-Fa-f0-9])%([89ABab][A-Fa-f0-9])}                    \
```

```
    $str {[encoding convertfrom utf-8 [binary decode hex \1\2]]} str
 regsub -all -- {%([0-7][A-Fa-f0-9])} $str {\\u00\1} str
 return [subst -novar $str]
}

# Reset the document back to an empty string.
#
proc
 wapp-reset {} {
 global wapp
 dict set wapp .reply {}
}

# Change the mime-type of the result document.
#
proc wapp-mimetype {x} {
 global wapp
 dict set wapp .mimetype $x
}

# Change the reply code.
#
proc wapp-reply-code {x} {
 global wapp
 dict set wapp .reply-code $x
}

# Set a cookie
#
proc wapp-set-cookie {name value} {
 global wapp
 dict lappend wapp .new-cookies $name $value
}

# Unset a cookie
#
proc wapp-clear-cookie {name} {
 wapp-set-cookie $name {}
}

# Add extra entries to the reply header
#
proc wapp-reply-extra {name value} {
 global wapp
 dict lappend wapp .reply-extra $name $value
}

# Specifies how the web-page under construction should be cached.
```

```
# The argument should be one of:
#
#    no-cache
#    max-age=N            (for some integer number of seconds, N)
#    private,max-age=N
#
proc wapp-cache-control {x} {
 wapp-reply-extra Cache-Control $x
}

# Redirect to a different web page
#
proc wapp-redirect {uri} {
 wapp-reply-code {307 Redirect}
 wapp-reply-extra
 Location $uri
}

# Return the value of a wapp parameter
#
proc wapp-param {name {dflt {}}} {
 global wapp
 if {![dict exists $wapp $name]} {return $dflt}
 return [dict get $wapp $name]
}

# Return true if a and only if the wapp parameter $name exists
#
proc wapp-param-exists {name} {
 global wapp
 return [dict exists $wapp $name]
}

# Set the value of a wapp parameter
#
proc wapp-set-param {name value} {
 global wapp
 dict set wapp $name $value
}

# Return all parameter names that match the GLOB pattern, or all
# names if the GLOB pattern is omitted.
#
proc wapp-param-list {{glob {*}}} {
 global wapp
 return [dict keys $wapp $glob]
}
```

```
# By default, Wapp does not decode query parameters and POST parameters
# for cross-origin requests.  This is a security restriction, designed to
# help prevent cross-site request forgery (CSRF) attacks.
#
# As a consequence of this restriction, URLs for sites generated by Wapp
# that contain query parameters will not work as URLs
 found in other
# websites.  You cannot create a link from a second website into a Wapp
# website if the link contains query planner, by default.
#
# Of course, it is sometimes desirable to allow query parameters on external
# links.  For URLs for which this is safe, the application should invoke
# wapp-allow-xorigin-params.  This procedure tells Wapp that it is safe to
# go ahead and decode the query parameters even for cross-site requests.
#
# In other words, for Wapp security is the default setting.  Individual pages
# need to actively disable the cross-site request security if those pages
# are safe for cross-site access.
#
proc wapp-allow-xorigin-params {} {
 global wapp
 if {![dict exists $wapp .qp] && ![dict get $wapp SAME_ORIGIN]} {
   wappInt-decode-query-params
 }
}

# Set the content-security-policy.
#
# The default content-security-policy is very strict:  "default-src 'self'"
# The default policy prohibits the use of in-line javascript or CSS.
#
# Provide an alternative
 CSP as the argument.  Or use "off" to disable
# the CSP completely.
#
proc wapp-content-security-policy {val} {
 global wapp
 if {$val=="off"} {
   dict unset wapp .csp
 } else {
   dict set wapp .csp $val
 }
}

# Examine the bodys of all procedures in this program looking for
# unsafe calls to various Wapp interfaces.  Return a text string
# containing warnings. Return an empty string if all is ok.
#
```

```
# This routine is advisory only.  It misses some constructs that are
# dangerous and flags others that are safe.
#
proc wapp-safety-check {} {
 set res {}
 foreach p [info procs] {
   set ln 0
   foreach x [split [info body $p] \n] {
     incr ln
     if {[regexp {^[ \t]*wapp[ \t]+([^\n]+)} $x all tail]
      && [string index $tail 0]!="\173"
      && [regexp {[[$]} $tail]
     } {
       append res "$p:$ln: unsafe \"wapp\" call: \"[string trim $x]\"\n"
     }
     if {[regexp {^[ \t]*wapp-(subst|trim)[ \t]+[^\173]} $x all cx]} {
       append res "$p:$ln: unsafe \"wapp-$cx\"
 call: \"[string trim $x]\"\n"
     }
   }
 }
 return $res
}

# Return a string that descripts the current environment.  Applications
# might find this useful for debugging.
#
proc wapp-debug-env {} {
 global wapp
 set out {}
 foreach var [lsort [dict keys $wapp]] {
   if {[string index $var 0]=="."} continue
   append out "$var = [list [dict get $wapp $var]]\n"
 }
 append out "\[pwd\] = [list [pwd]]\n"
 return $out
}

# Tracing function for each HTTP request.  This is overridden by wapp-start
# if tracing is enabled.
#
proc wappInt-trace {} {}

# Start up a listening socket.  Arrange to invoke wappInt-new-connection
# for each inbound HTTP connection.
#
#    port           Listen on this TCP port.  0 means to select a port
#                   that is not currently in use
```

```
#
#    wappmode        One of "scgi", "server", or "local".
#
proc wappInt-start-listener {port wappmode} {
 if {$wappmode=="scgi"} {
   set type SCGI
   set server [list wappInt-new-connection
 wappInt-scgi-readable $wappmode]
 } else {
   set type HTTP
   set server [list wappInt-new-connection wappInt-http-readable $wappmode]
 }
 if {$wappmode=="local"} {
   set x [socket -server $server -myaddr 127.0.0.1 $port]
 } else {
   set x [socket -server $server $port]
 }
 set coninfo [chan configure $x -sockname]
 set port [lindex $coninfo 2]
 if {$wappmode=="local"} {
   wappInt-start-browser http://127.0.0.1:$port/
 } else {
   puts "Listening for $type requests on TCP port $port"
 }
}

# Start a web-browser and point it at $URL
#
proc wappInt-start-browser {url} {
 global tcl_platform
 if {$tcl_platform(platform)=="windows"} {
   exec cmd /c start $url &
 } elseif {$tcl_platform(os)=="Darwin"} {
   exec open $url &
 } elseif {[catch {exec xdg-open $url}]} {
   exec firefox $url &
 }
}

# This routine is a "socket -server" callback.  The $chan, $ip, and $port
# arguments are added by the socket command.
#
# Arrange to invoke $callback when content is available
 on the new socket.
# The $callback will process inbound HTTP or SCGI content.
#
proc wappInt-new-connection {callback wappmode chan ip port} {
 upvar #0 wappInt-$chan W
```

```
 set W [dict create REMOTE_ADDR $ip REMOTE_PORT $port WAPP_MODE $wappmode \
       .header {}]
 fconfigure $chan -blocking 0 -translation binary
 fileevent $chan readable [list $callback $chan]
}

# Close an input channel
#
proc wappInt-close-channel {chan} {
 if {$chan=="stdout"} {
   # This happens after completing a CGI request
   exit 0
 } else {
   unset ::wappInt-$chan
   close $chan
 }
}

# Process new text received on an inbound HTTP request
#
proc wappInt-http-readable {chan} {
 if {[catch [list wappInt-http-readable-unsafe $chan] msg]} {
   puts stderr "$msg\n$::errorInfo"
   wappInt-close-channel $chan
 }
}
proc wappInt-http-readable-unsafe {chan} {
 upvar #0 wappInt-$chan W wapp wapp
 if {![dict exists $W .toread]} {
   # If the .toread key is not set, that means we are still reading
    # the header
   set line [string trimright [gets $chan]]
   set n [string length $line]
   if {$n>0} {
     if {[dict get $W .header]=="" || [regexp {^\s+} $line]} {
       dict append W .header $line
     } else {
       dict append W .header \n$line
     }
     if {[string length [dict get $W .header]]>100000} {
       error "HTTP request header too big - possible DOS attack"
     }
   } elseif {$n==0} {
     # We have reached the blank line that terminates the header.
     global argv0
     set a0 [file normalize $argv0]
     dict set W SCRIPT_FILENAME $a0
     dict set W DOCUMENT_ROOT [file dir $a0]
```

```
    if {[wappInt-parse-header $chan]} {
      catch {close $chan}
      return
    }
    set len 0
    if {[dict exists $W CONTENT_LENGTH]} {
      set len [dict get $W CONTENT_LENGTH]
    }
    if {$len>0} {
      # Still need to read the query content
      dict set W .toread $len
    } else {
      # There is no query content, so handle
 the request immediately
      set wapp $W
      wappInt-handle-request $chan 0
    }
  }
 } else {
  # If .toread is set, that means we are reading the query content.
  # Continue reading until .toread reaches zero.
  set got [read $chan [dict get $W .toread]]
  dict append W CONTENT $got
  dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
  if {[dict get $W .toread]<=0} {
    # Handle the request as soon as all the query content is received
    set wapp $W
    wappInt-handle-request $chan 0
  }
 }
}

# Decode the HTTP request header.
#
# This routine is always running inside of a [catch], so if
# any problems arise, simply raise an error.
#
proc wappInt-parse-header {chan} {
 upvar #0 wappInt-$chan W
 set hdr [split [dict get $W .header] \n]
 if {$hdr==""} {return 1}
 set req [lindex $hdr 0]
 dict set W REQUEST_METHOD [set method [lindex $req 0]]
 if {[lsearch {GET HEAD POST} $method]<0} {
  error "unsupported request method:
 \"[dict get $W REQUEST_METHOD]\""
 }
 set uri [lindex $req 1]
```

```
 set split_uri [split $uri ?]
 set uri0 [lindex $split_uri 0]
 if {![regexp {^/[-.a-z0-9_/]*$} $uri0]} {
   error "invalid request uri: \"$uri0\""
 }
 dict set W REQUEST_URI $uri0
 dict set W PATH_INFO $uri0
 set uri1 [lindex $split_uri 1]
 dict set W QUERY_STRING $uri1
 set n [llength $hdr]
 for {set i 1} {$i<$n} {incr i} {
   set x [lindex $hdr $i]
   if {![regexp {^(.+): +(.*)$} $x all name value]} {
     error "invalid header line: \"$x\""
   }
   set name [string toupper $name]
   switch -- $name {
     REFERER {set name HTTP_REFERER}
     USER-AGENT {set name HTTP_USER_AGENT}
     CONTENT-LENGTH {set name CONTENT_LENGTH}
     CONTENT-TYPE {set name CONTENT_TYPE}
     HOST {set name HTTP_HOST}
     COOKIE {set name HTTP_COOKIE}
     ACCEPT-ENCODING {set name HTTP_ACCEPT_ENCODING}
     default {set name .hdr:$name}
   }
   dict set W $name $value
 }
 return 0
}

# Decode the QUERY_STRING
 parameters from a GET request or the
# application/x-www-form-urlencoded CONTENT from a POST request.
#
# This routine sets the ".qp" element of the ::wapp dict as a signal
# that query parameters have already been decoded.
#
proc wappInt-decode-query-params {} {
 global wapp
 dict set wapp .qp 1
 if {[dict exists $wapp QUERY_STRING]} {
   foreach qterm [split [dict get $wapp QUERY_STRING] &] {
     set qsplit [split $qterm =]
     set nm [lindex $qsplit 0]
     if {[regexp {^[a-z][a-z0-9]*$} $nm]} {
       dict set wapp $nm [wappInt-decode-url [lindex $qsplit 1]]
     }
```

```
  }
 }
 if {[dict exists $wapp CONTENT_TYPE] && [dict exists $wapp CONTENT]} {
  set ctype [dict get $wapp CONTENT_TYPE]
  if {$ctype=="application/x-www-form-urlencoded"} {
    foreach qterm [split [string trim [dict get $wapp CONTENT]] &] {
      set qsplit [split $qterm =]
      set nm [lindex $qsplit 0]
      if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
        dict set wapp $nm [wappInt-decode-url
 [lindex $qsplit 1]]
      }
    }
  } elseif {[string match multipart/form-data* $ctype]} {
    regexp {^(.*?)\r\n(.*)$} [dict get $wapp CONTENT] all divider body
    set ndiv [string length $divider]
    while {[string length $body]} {
      set idx [string first $divider $body]
      set unit [string range $body 0 [expr {$idx-3}]]
      set body [string range $body [expr {$idx+$ndiv+2}] end]
      if {[regexp {^Content-Disposition: form-data; (.*?)\r\n\r\n(.*)$} \
           $unit unit hdr content] &&
          [regexp {name="(.*)"; filename="(.*)"\r\nContent-Type: (.*?)$}\
            $hdr hr name filename mimetype]} {
        dict set wapp $name.filename \
          [string map [list \\\" \" \\\\ \\] $filename]
        dict set wapp $name.mimetype $mimetype
        dict set wapp $name.content $content
      }
    }
  }
 }
}

# Invoke application-supplied methods to generate a reply to
# a single HTTP request.
#
# This routine always
 runs within [catch], so handle exceptions by
# invoking [error].
#
proc wappInt-handle-request {chan useCgi} {
 global wapp
 dict set wapp .reply {}
 dict set wapp .mimetype {text/html; charset=utf-8}
 dict set wapp .reply-code {200 Ok}
 dict set wapp .csp {default-src 'self'}
```

```
# Set up additional CGI environment values
#
if {![dict exists $wapp HTTP_HOST]} {
  dict set wapp BASE_URL {}
} elseif {[dict exists $wapp HTTPS]} {
  dict set wapp BASE_URL https://[dict get $wapp HTTP_HOST]
} else {
  dict set wapp BASE_URL http://[dict get $wapp HTTP_HOST]
}
if {![dict exists $wapp REQUEST_URI]} {
  dict set wapp REQUEST_URI /
} elseif {[regsub {\?.*} [dict get $wapp REQUEST_URI] {} newR]} {
  # Some servers (ex: nginx) append the query parameters to REQUEST_URI.
  # These need to be stripped off
  dict set wapp REQUEST_URI $newR
}
if {[dict exists $wapp SCRIPT_NAME]} {
  dict append wapp BASE_URL [dict get $wapp SCRIPT_NAME]
} else {
  dict set wapp
SCRIPT_NAME {}
}
if {![dict exists $wapp PATH_INFO]} {
  # If PATH_INFO is missing (ex: nginx) the construct it
  set URI [dict get $wapp REQUEST_URI]
  set skip [string length [dict get $wapp SCRIPT_NAME]]
  dict set wapp PATH_INFO [string range $URI $skip end]
}
if {[regexp {^/([^/]+)(.*)$} [dict get $wapp PATH_INFO] all head tail]} {
  dict set wapp PATH_HEAD $head
  dict set wapp PATH_TAIL [string trimleft $tail /]
} else {
  dict set wapp PATH_INFO {}
  dict set wapp PATH_HEAD {}
  dict set wapp PATH_TAIL {}
}
dict set wapp SELF_URL [dict get $wapp BASE_URL]/[dict get $wapp PATH_HEAD]

# Parse query parameters from the query string, the cookies, and
# POST data
#
if {[dict exists $wapp HTTP_COOKIE]} {
  foreach qterm [split [dict get $wapp HTTP_COOKIE] {;}] {
    set qsplit [split [string trim $qterm] =]
    set nm [lindex $qsplit 0]
    if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
      dict set wapp $nm [wappInt-decode-url [lindex
```

```
$qsplit 1]]
    }
  }
}
set same_origin 0
if {[dict exists $wapp HTTP_REFERER]} {
  set referer [dict get $wapp HTTP_REFERER]
  set base [dict get $wapp BASE_URL]
  if {$referer==$base || [string match $base/* $referer]} {
    set same_origin 1
  }
}
dict set wapp SAME_ORIGIN $same_origin
if {$same_origin} {
  wappInt-decode-query-params
}

# Invoke the application-defined handler procedure for this page
# request.  If an error occurs while running that procedure, generate
# an HTTP reply that contains the error message.
#
wapp-before-dispatch-hook
wappInt-trace
set mname [dict get $wapp PATH_HEAD]
if {[catch {
  if {$mname!="" && [llength [info proc wapp-page-$mname]]>0} {
    wapp-page-$mname
  } else {
    wapp-default
  }
} msg]} {
  if {[wapp-param WAPP_MODE]=="local" || [wapp-param WAPP_MODE]=="server"} {
    puts "ERROR: $::errorInfo"
  }
  wapp-reset
  wapp-reply-code "500 Internal Server Error"
  wapp-mimetype
text/html
  wapp-trim {
    <h1>Wapp Application Error</h1>
    <pre>%html($::errorInfo)</pre>
  }
  dict unset wapp .new-cookies
}

# Transmit the HTTP reply
#
if {$chan=="stdout"} {
```

```
  puts $chan "Status: [dict get $wapp .reply-code]\r"
 } else {
  puts $chan "HTTP/1.1 [dict get $wapp .reply-code]\r"
  puts $chan "Server: wapp\r"
  puts $chan "Connection: close\r"
 }
 if {[dict exists $wapp .reply-extra]} {
  foreach {name value} [dict get $wapp .reply-extra] {
   puts $chan "$name: $value\r"
  }
 }
 if {[dict exists $wapp .csp]} {
  puts $chan "Content-Security-Policy: [dict get $wapp .csp]\r"
 }
 set mimetype [dict get $wapp .mimetype]
 puts $chan "Content-Type: $mimetype\r"
 if {[dict exists $wapp .new-cookies]} {
  foreach {nm val} [dict get $wapp .new-cookies] {
   if {[regexp {^[a-z][-a-z0-9_]*$} $nm]} {
    if {$val==""} {
     puts $chan "Set-Cookie: $nm=; HttpOnly; Path=/; Max-Age=1\r"
    } else {
     set
 val [wappInt-enc-url $val]
     puts $chan "Set-Cookie: $nm=$val; HttpOnly; Path=/\r"
    }
   }
  }
 }
 if {[string match text/* $mimetype]} {
  set reply [encoding convertto utf-8 [dict get $wapp .reply]]
  if {[regexp {\ygzip\y} [wapp-param HTTP_ACCEPT_ENCODING]]} {
   catch {
    set x [zlib gzip $reply]
    set reply $x
    puts $chan "Content-Encoding: gzip\r"
   }
  }
 } else {
  set reply [dict get $wapp .reply]
 }
 puts $chan "Content-Length: [string length $reply]\r"
 puts $chan \r
 puts $chan $reply
 flush $chan
 wappInt-close-channel $chan
}
```

```
# This routine runs just prior to request-handler dispatch.  The
# default implementation is a no-op, but applications can override
# to do additional transformations or checks.
#
proc wapp-before-dispatch-hook {} {return}

# Process a single CGI request
#
proc wappInt-handle-cgi-request {} {
 global wapp env
 foreach key {
   CONTENT_LENGTH
   CONTENT_TYPE
   DOCUMENT_ROOT
   HTTP_ACCEPT_ENCODING
    HTTP_COOKIE
   HTTP_HOST
   HTTP_REFERER
   HTTP_USER_AGENT
   HTTPS
   PATH_INFO
   QUERY_STRING
   REMOTE_ADDR
   REQUEST_METHOD
   REQUEST_URI
   REMOTE_USER
   SCRIPT_FILENAME
   SCRIPT_NAME
   SERVER_NAME
   SERVER_PORT
   SERVER_PROTOCOL
 } {
   if {[info exists env($key)]} {
     dict set wapp $key $env($key)
   }
 }
 set len 0
 if {[dict exists $wapp CONTENT_LENGTH]} {
   set len [dict get $wapp CONTENT_LENGTH]
 }
 if {$len>0} {
   fconfigure stdin -translation binary
   dict set wapp CONTENT [read stdin $len]
 }
 dict set wapp WAPP_MODE cgi
 fconfigure stdout -translation binary
 wappInt-handle-request stdout 1
}
```

```
# Process new text received on an inbound SCGI request
#
proc wappInt-scgi-readable {chan} {
 if {[catch [list wappInt-scgi-readable-unsafe $chan] msg]} {
  puts stderr "$msg\n$::errorInfo"
  wappInt-close-channel $chan
 }
}
proc wappInt-scgi-readable-unsafe {chan} {
 upvar #0 wappInt-$chan W wapp wapp
 if
 {![dict exists $W .toread]} {
  # If the .toread key is not set, that means we are still reading
  # the header.
  #
  # An SGI header is short.  This implementation assumes the entire
  # header is available all at once.
  #
  set req [read $chan 15]
  set n [string length $req]
  scan $req %d:%s len hdr
  incr len [string length "$len:,"]
  append hdr [read $chan [expr {$len-15}]]
  foreach {nm val} [split $hdr \000] {
   if {$nm==","} break
   dict set W $nm $val
  }
  set len 0
  if {[dict exists $W CONTENT_LENGTH]} {
   set len [dict get $W CONTENT_LENGTH]
  }
  if {$len>0} {
   # Still need to read the query content
   dict set W .toread $len
  } else {
   # There is no query content, so handle the request immediately
   set wapp $W
   wappInt-handle-request $chan 0
  }
 } else {
  # If .toread is set, that means we are reading the query content.
  # Continue reading until .toread reaches zero.
  set got [read
 $chan [dict get $W .toread]]
  dict append W CONTENT $got
  dict set W .toread [expr {[dict get $W .toread]-[string length $got]}]
  if {[dict get $W .toread]<=0} {
```

```
    # Handle the request as soon as all the query content is received
    set wapp $W
    wappInt-handle-request $chan 0
  }
 }
}

# Start up the wapp framework.  Parameters are a list passed as the
# single argument.
#
#    -server $PORT         Listen for HTTP requests on this TCP port $PORT
#
#    -local $PORT          Listen for HTTP requests on 127.0.0.1:$PORT
#
#    -scgi $PORT           Listen for SCGI requests on TCP port $PORT
#
#    -cgi                  Handle a single CGI request
#
# With no arguments, the behavior is called "auto".  In "auto" mode,
# if the GATEWAY_INTERFACE environment variable indicates CGI, then run
# as CGI.  Otherwise, start an HTTP server bound to the loopback address
# only, on an arbitrary TCP port, and automatically launch a web browser
# on that TCP port.
#
# Additional
 options:
#
#    -trace                "puts" each request URL as it is handled, for
#                          debugging
#
#    -lint                 Run wapp-safety-check on the application instead
#                          of running the application itself
#
#    -Dvar=value           Set TCL global variable "var" to "value"
#
#
proc wapp-start {arglist} {
 global env
 set mode auto
 set port 0
 set n [llength $arglist]
 for {set i 0} {$i<$n} {incr i} {
  set term [lindex $arglist $i]
  if {[string match --* $term]} {set term [string range $term 1 end]}
  switch -glob -- $term {
    -server {
      incr i;
      set mode "server"
```

```
      set port [lindex $arglist $i]
    }
    -local {
      incr i;
      set mode "local"
      set port [lindex $arglist $i]
    }
    -scgi {
      incr i;
      set mode "scgi"
      set port [lindex $arglist $i]
    }
    -cgi {
      set mode "cgi"
    }
    -trace {
      proc wappInt-trace {} {

    set q [wapp-param QUERY_STRING]
        set uri [wapp-param BASE_URL][wapp-param PATH_INFO]
        if {$q!=""} {append uri ?$q}
        puts $uri
      }
    }
    -lint {
      set res [wapp-safety-check]
      if {$res!=""} {
        puts "Potential problems in this code:"
        puts $res
        exit 1
      } else {
        exit
      }
    }
    -D*=* {
      if {[regexp {^.D([^=]+)=(.*)$} $term all var val]} {
        set ::$var $val
      }
    }
    default {
      error "unknown option: $term"
    }
  }
}
if {($mode=="auto"
     && [info exists env(GATEWAY_INTERFACE)]
     && [string match CGI/1.* $env(GATEWAY_INTERFACE)])
  || $mode=="cgi"
```

```
 } {
   wappInt-handle-cgi-request
   return
 }
 if {$mode=="scgi"} {
   wappInt-start-listener $port scgi
 } elseif {$mode=="server"} {
   wappInt-start-listener $port server
 } else {
   wappInt-start-listener $port local
 }
 vwait ::forever
}

# Call this version
 1.0
package provide wapp 1.0

#### End of wapp.tcl

# Generate all header content for the output document
#
proc search_header {} {
 wapp-trim {
<!DOCTYPE html>
<html><head>
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
<link href="../sqlite.css" rel="stylesheet">
<title>Search SQLite Stats</title>
<!-- path=../ -->
</head>
<body>
<div class=nosearch>
<a href="../index.html">
<img class="logo" src="../images/sqlite370_banner.gif" alt="SQLite" border="0">
</a>
<div><!-- IE hack to prevent disappearing logo --></div>
<div class="tagline desktoponly">
Small. Fast. Reliable.<br>Choose any three.
</div>
<div class="menu mainmenu">
<ul>
<li><a href="../index.html">Home</a>
<li class='mobileonly'><a href="javascript:void(0)" onclick='toggle_div("submenu")'>Menu</a>
<li class='wideonly'><a href='../about.html'>About</a>
<li class='desktoponly'><a href="../docs.html">Documentation</a>
<li class='desktoponly'><a
```

```
 href="../download.html">Download</a>
<li class='wideonly'><a href='../copyright.html'>License</a>
<li class='desktoponly'><a href="../support.html">Support</a>
<li class='desktoponly'><a href="../prosupport.html">Purchase</a>
<li class='search' id='search_menubutton'>
<a href="javascript:void(0)" onclick='toggle_search()'>Search</a>
</ul>
</div>
<div class="menu submenu" id="submenu">
<ul>
<li><a href='../about.html'>About</a>
<li><a href='../docs.html'>Documentation</a>
<li><a href='../download.html'>Download</a>
<li><a href='../support.html'>Support</a>
<li><a href='../prosupport.html'>Purchase</a>
</ul>
</div>
<div class="searchmenu" id="searchmenu">
<form method="GET" action="../search">
<select name="s" id="searchtype">
<option value="d">Search Documentation</option>
<option value="c">Search Changelog</option>
</select>
<input type="text" name="q" id="searchbox" value="">
<input type="submit" value="Go">
</form>
</div>
</div>
<script>
function toggle_div(nm) {
var w =
 document.getElementById(nm);
if( w.style.display=="block" ){
w.style.display = "none";
}else{
w.style.display = "block";
}
}
function toggle_search() {
var w = document.getElementById("searchmenu");
if( w.style.display=="block" ){
w.style.display = "none";
} else {
w.style.display = "block";
setTimeout(function(){
document.getElementById("searchbox").focus()
}, 30);
}
```

```
}
function div_off(nm){document.getElementById(nm).style.display="none";}
window.onbeforeunload = function(e){div_off("submenu");}
/* Disable the Search feature if we are not operating from CGI, since */
/* Search is accomplished using CGI and will not work without it. */
if( !location.origin.match || !location.origin.match(/http/) ){
document.getElementById("search_menubutton").style.display = "none";
}
/* Used by the Hide/Show button beside syntax diagrams, to toggle the */
function hideorshow(btn,obj){
var x = document.getElementById(obj);
var b = document.getElementById(btn);
if( x.style.display!='none' ){
x.style.display
 = 'none';
b.innerHTML='show';
}else{
x.style.display = '';
b.innerHTML='hide';
}
return false;
}
</script>
</div>
 }
}

proc wapp-default {} {
 # When running using the built-in webserver in Wapp (in other words,
 # when not running as CGI) any filename that contains a "." loads
 # directly from the filesystem.
 if {[wapp-param WAPP_MODE]!="cgi"]
  && [string match *.* [wapp-param PATH_INFO]]
 } {
   set altfile [file dir [wapp-param SCRIPT_FILENAME]]/../[wapp-param PATH_INFO]
   set fd [open $altfile rb]
   fconfigure $fd -translation binary
   wapp-unsafe [read $fd]
   close $fd
   switch -glob -- $altfile {
     *.html {
       wapp-mimetype text/html
     }
     *.css {
       wapp-mimetype text/css
     }
     *.gif {
       wapp-mimetype image/gif
```

```
    }
  }
  return
 }
 wapp-page-admin
}
proc wapp-page-admin {} {
 wapp-allow-xorigin-params
 wapp-content-security-policy off
 if {[wapp-param-exists env]} {
  search_header
  wapp-trim {

 <h1>Environment</h1>
    <pre>%html([wapp-debug-env])</pre>
  }
  return
 }
 sqlite3 db2 [file dir [wapp-param SCRIPT_FILENAME]]/searchlog.db
 set where ""
 set res ""

 set ipfilter ""
 set ipaddr [wapp-param ip]
 if {$ipaddr!=""} {
  set where {WHERE ip = $ipaddr}
  set ipfilter $ipaddr
 }

 set checked ""
 set isUnique [expr {[wapp-param unique 0]+0}]
 if {$isUnique} {
  set checked "checked"
 }

 set limit [wapp-param limit 10]
 set s10 ""
 set s100 ""
 set s1000 ""
 if {$limit==10} {set s10 selected}
 if {$limit==100} {set s100 selected}
 if {$limit==1000} {set s1000 selected}

 search_header
 set self [wapp-param PATH_HEAD]
 wapp-trim {
  <div style="margin:2em">
  <center>
```

```
  <form action='%url($self)' method='GET'>
    Results: <select name=limit onChange="this.form.submit()">
      <option %html($s10) value="10">10</option>
      <option %html($s100) value="100">100</option>
      <option %html($s1000) value="1000">1000</option>
     </select>
    IP: <input type=input name=ip value="%html($ipfilter)">
    Unique: <input
      type=checkbox name=unique value=1
      $checked
      onChange="this.form.submit()">
    <input type=submit>
  </form>
  </center>
  </div>
  <table border=1 cellpadding=10 align=center>
  <tr><td><th>IP <th>Query <th> Results <th> Timestamp
}

set i 0
db2 eval "
  SELECT rowid, ip, query, nres, timestamp FROM log $where
  ORDER BY rowid DESC
" {

  if {$isUnique} {
    if {[info exists seen($query)]} continue
    set seen($query) 1
  }

  wapp-trim {
    <tr><td>%html($rowid)
        <td><a href='%url($self)?ip=%qp($ip)'>%html($ip)</a>
        <td><a href='../search?q=%qp($query)&donotlog=1'>%html($query)</a>
        <td>%html($nres)<td>%html($timestamp)
  }
  incr i
  if {$i >= $limit} break
}
wapp-subst {</table\n}
db2 close
}
wapp-start $argv
```

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/search.d/admin
No license file was found, but licenses were detected in source scan.

application is free to use the same database connection or the

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/capi3ref.html
No license file was found, but licenses were detected in source scan.

data, so do not send the ".fullschema" output of a proprietary database

Found in path(s):
* /sqlite3-3-31-1-orig-www-1-tar-xz/www/cli.html

1.643 pinentry 1.1.0-3build1

1.643.1 Available under license :

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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.646 libffi 3.0.13-19.el7

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1.647 libassuan 2.5.3-7ubuntu2

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It may happen that this requirement contradicts the license

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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.

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1.648 base-files 11ubuntu5.5

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that any
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<signature of Ty Coon>, 1 April 1989
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and valid for as
long as you offer spare parts or customer support for that product
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more than your reasonable cost of physically performing this
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1.651 gzip 1.10-0ubuntu4

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1.655 binutils 2.34-6ubuntu1.3

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nickc@redhat.com and I'll correct the situation.

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the documentation, and info on specific files will go into an AUTHORS
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++++++++++++++++

Dean Elsner wrote the original gas for vax. [more details?]

Jay Fenlason maintained gas for a while, adding support for
gdb-specific debug information and the 68k series machines, most of
the preprocessing pass, and extensive changes in messages.c,
input-file.c, write.c.

K. Richard Pixley maintained gas for a while, adding various
enhancements and many bug fixes, including merging support for several
processors, breaking gas up to handle multiple object file format
backends (including heavy rewrite, testing, an integration of the coff
and b.out backends), adding configuration
 including heavy testing and
verification of cross assemblers and file splits and renaming,
converted gas to strictly ansi C including full prototypes, added
support for m680[34]0 & cpu32, considerable work on i960 including a
coff port (including considerable amounts of reverse engineering), a
sparc opcode file rewrite, decstation, rs6000, and hp300hpux host
ports, updated "know" assertions and made them work, much other
reorganization, cleanup, and lint.

Ken Raeburn wrote the high-level BFD interface code to replace most of
the code in format-specific I/O modules.

The original Vax-VMS support was contributed by David L. Kashtan.
Eric Youngdale and Pat Rankin have done much work with it since.

The Intel 80386 machine description was written by Eliot Dresselhaus.

Minh Tran-Le at IntelliCorp contributed some AIX 386 support.

The Motorola 88k machine description was contributed by Devon Bowen of
Buffalo University and Torbjorn Granlund of the Swedish Institute of
Computer Science.

Keith
 Knowles at the Open Software Foundation wrote the original MIPS
back end (tc-mips.c, tc-mips.h), and contributed Rose format support
that hasn't been merged in yet. Ralph Campbell worked with the MIPS
code to support a.out format.

Support for the Zilog Z8k and Hitachi H8/300, H8/500 and SH processors
(tc-z8k, tc-h8300, tc-h8500, tc-sh), and IEEE 695 object file format

(obj-ieee), was written by Steve Chamberlain of Cygnus Solutions. Steve also modified the COFF back end (obj-coffbfd) to use BFD for some low-level operations, for use with the Hitachi, 29k and Zilog targets.

John Gilmore built the AMD 29000 support, added .include support, and simplified the configuration of which versions accept which pseudo-ops. He updated the 68k machine description so that Motorola's opcodes always produced fixed-size instructions (e.g. jsr), while synthetic instructions remained shrinkable (jbsr). John fixed many bugs, including true tested cross-compilation support, and one bug in relaxation
that took a week and required the proverbial one-bit fix.

Ian Lance Taylor of Cygnus Solutions merged the Motorola and MIT syntaxes for the 68k, completed support for some COFF targets (68k, i386 SVR3, and SCO Unix), wrote the ECOFF support based on Michael Meissner's mips-tfile program, wrote the PowerPC and RS/6000 support, and made a few other minor patches. He handled the binutils releases for versions 2.7 through 2.9.

David Edelsohn contributed fixes for the PowerPC and AIX support.

Steve Chamberlain made gas able to generate listings.

Support for the HP9000/300 was contributed by Glenn Engel of HP.

Support for ELF format files has been worked on by Mark Eichin of Cygnus Solutions (original, incomplete implementation), Pete Hoogenboom at the University of Utah (HPPA mainly), Michael Meissner of the Open Software Foundation (i386 mainly), and Ken Raeburn of Cygnus Solutions (sparc, initial 64-bit support).

Several engineers at Cygnus Solutions have also provided many
small
bug fixes and configuration enhancements.

The initial Alpha support was contributed by Carnegie-Mellon University. Additional work was done by Ken Raeburn of Cygnus Solutions. Richard Henderson then rewrote much of the Alpha support.

Ian Dall updated the support code for the National Semiconductor 32000 series, and added support for Mach 3 and NetBSD running on the PC532.

Klaus Kaempf ported the assembler and the binutils to openVMS/Alpha.

Steve Haworth contributed the support for the Texas Instruction c30 (tms320c30).

H.J. Lu has contributed many patches and much testing.

Alan Modra reworked much of the i386 backend, improving the error
checking, updating the code, and improving the 16 bit support, using
patches from the work of Martynas Kunigelis and H.J. Lu.

Many others have contributed large or small bugfixes and enhancements. If
you've contributed significant work and are not mentioned on this list, and
want to be, let us know. Some of the history has been lost;
 we aren't
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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.

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.
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CAST128
  The implementation of the CAST128 cipher is written by Steve Reid.
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DES
  The implementation of the DES cipher is written by Dana L. How, and
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MD2
  The implementation of MD2 is written by Andrew Kuchling,
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MD4

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.

MD5

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.

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SHA1

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SHA224, SHA256, SHA384, and SHA512

Written by Niels Mller, using Peter Gutmann's SHA1 code as a model. Released under the LGPL.

.

TWOFISH

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.

RSA

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.

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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:

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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.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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