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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

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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

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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.
coderrules.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

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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 "wrijpgcom", 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.

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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.

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REFERENCES

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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](ftp://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

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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

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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 PBPLUS 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/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

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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

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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 commons-pool 2.4.2

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1.3 commons-csv 1.5

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1.4 hk2-utils 2.5.0

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1.5 hk2-api 2.5.0

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1.9 jul-to-slf4j 1.7.26

1.10 profiler 1.0.2

1.11 httpasyncclient 4.1.3

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1.19 archaius-core 0.4.1

1.20 hystrix-serialization 1.5.18

1.21 hystrix-metrics-event-stream 1.5.18

1.22 bean-validation-api 2.0.1.Final

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1.23 rxjava 2.2.8

1.24 picocontainer 2.15

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* /picocontainer-2-15-sources-1-jar/org/picocontainer/monitors/ComponentMonitorHelper.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/CompositeInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/Injector.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/ComponentMonitorStrategy.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Stored.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/references/SimpleReference.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/ComponentLifecycle.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/ProviderAdapter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/Reinjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Guarded.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/InjectInto.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/MultiInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/Provider.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/Injector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/MultiInjector.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/FactoryInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/references/ThreadLocalMapObjectReference.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/CompositeInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/security/CustomPermissionsURLClassLoader.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/ObjectReference.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/Reinjection.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/DefaultConstructorParameter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/classname/ClassName.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/classname/DefaultClassLoadingPicoContainer.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/NullParameter.java
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/picocontainer-2-15-sources-1-jar/org/picocontainer/classname/ClassPathElement.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/containers/CommandLineArgumentsPicoContainer.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/ForgetfulConstructorInjection.java
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/picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Intercepted.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/SingleMemberInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/containers/SystemPropertiesPicoContainer.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Intercepting.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/ParameterNameBinding.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/MethodInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/AbstractParameter.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/NamedFieldInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/Injectors.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Synchronizing.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/ComponentFactory.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/adapters/AbstractAdapter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/BehaviorFactory.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/PicoVerificationException.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/annotations/Inject.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/BasicComponentParameter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/annotations/Cache.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/containers/TransientPicoContainer.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/AnnotatedMethodInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/adapters/InstanceAdapter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/ComponentParameter.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/InjectionFactory.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/TypedFieldInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/containers/ImmutablePicoContainer.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/SetterInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/PropertyApplying.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/lifecycle/NullLifecycleStrategy.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Synchronized.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/monitors/LifecycleComponentMonitor.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Locked.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/HiddenImplementation.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Behaviors.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/annotations/Nullable.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/DefaultPicoContainer.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/AnnotatedFieldInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/AdaptingBehavior.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/PicoContainer.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/containers/CommandLinePicoContainer.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/AbstractInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/PicoException.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Locking.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/NamedMethodInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/PropertyApplicator.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/Characteristics.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/PicoClassNotFoundException.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/CollectionComponentParameter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Automating.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/NameBinding.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/ImplementationHiding.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/TypedFieldInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/NamedFieldInjector.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/PicoCompositionException.java

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*
/picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/ConstructorInjector.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/AdaptingInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/ConstructorInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/SetterInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Caching.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/ThreadCached.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/injectors/AnnotatedMethodInjection.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/OptInCaching.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Cached.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Storing.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/Converters.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/lifecycle/DefaultLifecycleState.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/PicoVisitor.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/LifecycleStrategy.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/converters/Converter.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/visitors/AbstractPicoVisitor.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/visitors/MethodCallingVisitor.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/lifecycle/AbstractMonitoringLifecycleStrategy.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/lifecycle/LifecycleState.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/ComponentAdapter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/lifecycle/ReflectionLifecycleException.java
*
/picocontainer-2-15-sources-1-jar/org/picocontainer/lifecycle/JavaEE5LifecycleStrategy.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/Parameter.java
* /picocontainer-2-15-sources-1-jar/org/picocontainer/parameters/ConstantParameter.java
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*
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/MutablePicoContainer.java

* /picocontainer-2-15-sources-1-jar/org/picocontainer/containers/CompositePicoContainer.java

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* /picocontainer-2-15-sources-1-jar/org/picocontainer/behaviors/Decorating.java
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* /picocontainer-2-15-sources-1-jar/org/picocontainer/containers/AbstractDelegatingMutablePicoContainer.java

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1.25 guice-multibindings 4.2.2

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1.26 guice-assistedinject 4.2.2

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1.29 slf4j 1.7.26

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 */

Found in path(s):

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/MarkerFactory.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/MessageFormatter.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/impl/StaticMDCBinder.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/LoggerFactory.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/impl/StaticMarkerBinder.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/MDCAdapter.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NamedLoggerBase.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/SubstituteLogger.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/impl/StaticLoggerBinder.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/MDC.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/FormattingTuple.java
 *
 /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/MarkerIgnoringBase.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/MarkerFactoryBinder.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/BasicMarkerFactory.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/SubstituteLoggerFactory.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/LoggerFactoryBinder.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NOPLoggerFactory.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/Util.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/BasicMarker.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/BasicMDCAdapter.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/IMarkerFactory.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/Marker.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/spi/LocationAwareLogger.java
 * /slf4j-api-1-7-26-sources-2-jar/org/slf4j/Logger.java

* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NOPMDCAdapter.java
*
/slf4j-api-1-7-26-sources-2-jar/org/slf4j/helpers/NOPLogger.java
* /slf4j-api-1-7-26-sources-2-jar/org/slf4j/ILoggerFactory.java

1.30 encoder 1.2.3

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1.36 commons-logging 1.2

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- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogFactoryImpl.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk13LumberjackLogger.java
- *
- */commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/SimpleLog.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/Jdk14Logger.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/LogSource.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/NoOpLog.java
- * /commons-logging-1-1-sources-9-jar/org/apache/commons/logging/impl/LogKitLogger.java
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1.37 javassist 3.25.0-GA

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- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtPrimitiveType.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/MethodInfo.java
- *
/javassist-3-25-0-ga-sources-3-jar/javassist/compiler/AccessorMaker.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Lex.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Executor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/ByteArrayClassPath.java

- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Symbol.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Pair.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableTypeAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/MultiArrayType.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/JvstTypeChecker.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CondExpr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformReadField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefineClassHelper.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/AppletServer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/MethodCall.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/MapMaker.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/StackMapTable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Loader.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Visitor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObjectOutputStream.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/Javac.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CodeConverter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ByteArray.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Translator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/ClassMetaobject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AccessFlag.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ASTree.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/StackMap.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Metalevel.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/NotFoundException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Variable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/DeprecatedAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ASTList.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeAttribute.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/Sample.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/ClassClassPath.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Bytecode.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/MethodHandler.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Expr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ConstPool.java
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- /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyFactory.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/MethodDecl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/InnerClassesAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/TokenId.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/MemberResolver.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtClassType.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Declarator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/NoSuchClassError.java

- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewMethod.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewConstructor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/ControlFlow.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteRef.java
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- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/StringL.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Descriptor.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Metaobject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/CodeGen.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/ArrayInit.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Frame.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/FieldInfo.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationImpl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewClass.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObject.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/TypeTag.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/SubroutineScanner.java
- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/NoFieldException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtMember.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/ConstructorCall.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/SoftValueHashMap.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/SyntheticAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/expr/ExprEditor.java
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- *
- /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformNew.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformAccessArrayField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AttributeInfo.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Subroutine.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CtField.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/DefinePackageHelper.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LineNumberAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/Expr.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ClassFile.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/Modifier.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/framedump.java

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- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/RemoteException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/stackmap/BasicBlock.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformCall.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/SignatureAttribute.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Cflow.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/CompileError.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/FramePrinter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/CannotCompileException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/convert/TransformAfter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Analyzer.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/ExceptionTable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/rmi/StubGenerator.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/DoubleConst.java
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- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/analysis/Util.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/Proxy.java
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- /javassist-3-25-0-ga-sources-3-jar/javassist/CtNewWrappedMethod.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/util/proxy/ProxyObjectInputStream.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/KeywordTable.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/NestMembersAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/InstructionPrinter.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/LocalVariableAttribute.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/CannotReflectException.java
- * /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/CallExpr.java

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* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Compiler.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/Dump.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/CodeIterator.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Instanceof.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/AnnotationDefaultAttribute.java
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/javassist-3-25-0-ga-sources-3-jar/javassist/runtime/Inner.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/scopedpool/ScopedClassPoolFactory.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/Opcodes.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/tools/reflect/Loader.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/Handler.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/CtClass.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/compiler/ast/InstanceOfExpr.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/SerialVersionUID.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/expr/FieldAccess.java
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```

Found in path(s):

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* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/MemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/EnumMemberValue.java
*
/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/AnnotationMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/IntegerMemberValue.java
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* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/CharMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ShortMemberValue.java

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* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/Annotation.java
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/javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /javassist-3-25-0-ga-sources-3-jar/javassist/bytecode/annotation/DoubleMemberValue.java

1.38 jakarta-annotation-api 1.3.5

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Source Code

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

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 */

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1.39 jakarta-validation-api 2.0.2

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~

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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/CascadableDescriptor.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintTarget.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/FutureOrPresent.java

- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Null.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorContext.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ExecutableDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/Default.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/MessageInterpolator.java
- *
- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/Unwrapping.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ValueExtractor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/ValidationTarget.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/UnexpectedTypeException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/BeanDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Digits.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/ProviderSpecificBootstrap.java
- *
- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/UnwrapByDefault.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NegativeOrZero.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolation.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDefinitionException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ValidateUnwrappedValue.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/SupportedValidationTarget.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ValidationProvider.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ElementKind.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/GroupConversionDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/ExtractedValue.java
- *
- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/GenericBootstrap.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/MethodType.java
- * /jakarta-validation-api-2-0-2-sources-3-
- jar/javax/validation/valueextraction/ValueExtractorDeclarationException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstructorDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraintvalidation/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertTrue.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Path.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/valueextraction/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PositiveOrZero.java
- *
- /jakarta-validation-api-2-0-2-sources-3-
- jar/javax/validation/valueextraction/ValueExtractorDefinitionException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/BootstrapConfiguration.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ElementDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerElementTypeDescriptor.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Min.java

- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/groups/ConvertGroup.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/Scope.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Max.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ReportAsSingleViolation.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ReturnValueDescriptor.java
- *
- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ParameterNameProvider.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Pattern.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/NoProviderFoundException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Validation.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidatorContext.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotBlank.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/package-info.java
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- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidatorFactory.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ContainerDescriptor.java
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- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ConstraintDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/ParameterDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotNull.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/package-info.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupSequence.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Negative.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidatorFactory.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/OverridesAttribute.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/BootstrapState.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Email.java
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- /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintDeclarationException.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/PropertyDescriptor.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintValidator.java
- * /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableType.java
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- *
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/asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/AdviceAdapter.java
* /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/TryCatchBlockNode.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/signature/SignatureReader.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/util/ASMifierFieldVisitor.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/LookupSwitchInsnNode.java
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- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/TypeInsnNode.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/commons/Method.java
- * /asm-all-3-1-sources-1-jar/org/objectweb/asm/tree/InnerClassNode.java
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* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/ASMContentHandler.java

* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXClassAdapter.java

* /asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXAdapter.java

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/asm-all-3-1-sources-1-jar/org/objectweb/asm/xml/SAXAnnotationAdapter.java

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1.48 resourcelocator 1.0.3

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1.49 jakarta-inject 2.6.1

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1.53 guice-throwingproviders 4.2.2

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1.54 error_prone_annotations 2.3.3

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```

Found in path(s):

```
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/NoAllocation.java
* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
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Found in path(s):

* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/FormatString.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/FormatMethod.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/MustBeClosed.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/RestrictedApi.java
 *
 /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CompatibleWith.java
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Found in path(s):

* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/RequiredModifiers.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
 *
 /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CompileTimeConstant.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/Immutable.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/Var.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/ForOverride.java
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* /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/DoNotCall.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
 * /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/CheckReturnValue.java
 *
 /error-prone-annotations-2-3-3-sources-5-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java

1.55 audience-annotations 0.12.0

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1.56 jeromq 0.3.5

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1.59 rxjava 1.3.8

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoAfterTerminate.java
* /rxjava-1-3-8-sources-4-jar/rx/singles/BlockingSingle.java
* /rxjava-1-3-8-sources-4-jar/rx/observables/AsyncOnSubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/BlockingUtils.java
* /rxjava-1-3-8-sources-4-jar/rx/SingleSubscriber.java

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 * /rxjava-1-3-8-sources-4-jar/rx/internal/producers/QueuedProducer.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BackpressureUtils.java
 * /rxjava-1-3-8-sources-4-jar/rx/internal/producers/ProducerArbiter.java
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Found in path(s):

* /rxjava-1-3-8-sources-4-jar/rx/Single.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCombineLatest.java

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Found in path(s):

- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcat.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorCast.java
- * /rxjava-1-3-8-sources-4-jar/rx/observables/ConnectableObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeArray.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/functions/Func7.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaPlugins.java
- * /rxjava-1-3-8-sources-4-jar/rx/subscriptions/BooleanSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/MissingBackpressureException.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipWhile.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAsObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableSortedList.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorElementAt.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BufferUntilSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorObserveOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/SubscriptionList.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/ScalarSynchronousObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnSubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatIterable.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFromMany.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/IndexedRingBuffer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/BackpressureDrainManager.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntil.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSubscribeOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorReplay.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/UnsubscribeFailedException.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLast.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromArray.java
- * /rxjava-1-3-8-sources-4-jar/rx/Subscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorIterable.java
- * /rxjava-1-3-8-sources-4-jar/rx/schedulers/Schedulers.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func4.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/functions/Action.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkip.java
- * /rxjava-1-3-8-sources-4-jar/rx/Producer.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimeoutTimedWithFallback.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAmb.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorIgnoreElements.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnRequest.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToMap.java
- * /rxjava-1-3-8-sources-4-jar/rx/Completable.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/PublishSubject.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Func6.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/Subject.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureBuffer.java
*
/rxjava-1-3-8-sources-4-jar/rx/functions/Action9.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/TimeInterval.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimeoutSelectorWithFallback.java
* /rxjava-1-3-8-sources-4-jar/rx/Notification.java
* /rxjava-1-3-8-sources-4-jar/rx/Observer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAll.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/NotificationLite.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action5.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func0.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func9.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTimestamp.java
* /rxjava-1-3-8-sources-4-jar/rx/Scheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/SerializedSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Functions.java
* /rxjava-1-3-8-sources-4-jar/rx/observables/SyncOnSubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func8.java
*
/rxjava-1-3-8-sources-4-jar/rx/functions/Action4.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDefer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/RxRingBuffer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDematerialize.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeGroupJoin.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRange.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action3.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromIterable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorLatest.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/Subscribers.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMaterialize.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnEvent.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/MultipleAssignmentSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeMap.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureDrop.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnCompletedFailedException.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/TrampolineScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorThrottleFirst.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ImmediateScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/TestSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorUnsubscribeOn.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSequenceEqual.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorToObservableList.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLast.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/SubjectSubscriptionManager.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action8.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorGroupBy.java
*

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/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeWhile.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeMap.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/SerializedObserver.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Function.java
* /rxjava-1-3-8-sources-4-jar/rx/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorZip.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action1.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapNotification.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/TestScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeTimeout.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/TestObserver.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSingle.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorNotImplementedException.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/ImmediateScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorZipIterable.java
*
/rxjava-1-3-8-sources-4-jar/rx/subscriptions/RefCountSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSwitchIfEmpty.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHook.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func3.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/SequentialSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSerialize.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorMostRecent.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDoOnEach.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/Observers.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaErrorHandler.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorAny.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/Timestamped.java
* /rxjava-1-3-8-sources-4-jar/rx/observables/BlockingObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func2.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMerge.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action7.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorCast.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/CachedThreadScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/package-info.java
* /rxjava-1-3-8-sources-4-jar/rx/Subscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelay.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeJoin.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeUsing.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/BehaviorSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action6.java
* /rxjava-1-3-8-sources-4-jar/rx/observables/GroupedObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/EventLoopsScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeAutoConnect.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToFuture.java
* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaObservableExecutionHookDefault.java

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* /rxjava-1-3-8-sources-4-jar/rx/subjects/ReplaySubject.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoOnUnsubscribe.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action2.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeIterable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTimeInterval.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func5.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRedo.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFilter.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorToIterator.java
* /rxjava-1-3-8-sources-4-jar/rx/observers/SafeSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeMergeDelayErrorArray.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/GenericScheduledExecutorService.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeLastTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CachedObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/LinkedList.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeUntilPredicate.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Func1.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/Subscriptions.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/Exceptions.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/SerialSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/subscriptions/CompositeSubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipLastTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMerge.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/CompositeException.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorThrowable.java
* /rxjava-1-3-8-sources-4-jar/rx/schedulers/NewThreadScheduler.java
*
/rxjava-1-3-8-sources-4-jar/rx/subjects/UnicastSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/exceptions/OnErrorFailedException.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SleepingAction.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/Action0.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/TestSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/AsyncSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/BlockingOperatorNext.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/ActionN.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnErrorResumeNextViaFunction.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeToObservableFuture.java
* /rxjava-1-3-8-sources-4-jar/rx/subjects/SerializedSubject.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableOnSubscribeConcatArray.java
* /rxjava-1-3-8-sources-4-jar/rx/functions/FuncN.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorScan.java
*
/rxjava-1-3-8-sources-4-jar/rx/schedulers/TrampolineScheduler.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTake.java
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- * Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/LinkedQueueNode.java>
- */

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* /rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/LinkedQueueNode.java

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- *
- * Original License: <https://github.com/JCTools/JCTools/blob/master/LICENSE>
- * Original location: <https://github.com/JCTools/JCTools/blob/master/jctools-core/src/main/java/org/jctools/queues/atomic/SpSCUnboundedAtomicArrayQueue.java>
- */

Found in path(s):

- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCUnboundedAtomicArrayQueue.java

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Found in path(s):

- * /rxjava-1-3-8-sources-4-jar/rx/functions/Actions.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithTime.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMulticast.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorMapPair.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorEagerConcatMap.java
- *
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinct.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ScheduledAction.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerPeriodically.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/ExecutorScheduler.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSize.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithSelector.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDebounceWithTime.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithStartEndObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/RxThreadFactory.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscription.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservable.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionOther.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeSkipTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSkipUntil.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTimerOnce.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithObservableFactory.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDistinctUntilChanged.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeDelaySubscriptionOther.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorPublish.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithStartEndObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/PlatformDependent.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorRetryWithPredicate.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeDelaySubscriptionWithSelector.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorBufferWithSingleObservable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDelayWithSelector.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorDoAfterTerminate.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorTakeTimed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithSize.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSwitch.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/NewThreadWorker.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorOnBackpressureLatest.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorSampleWithTime.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWindowWithTime.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OperatorWithLatestFrom.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeRefCount.java
*
/rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCLinkedArrayQueue.java
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core/src/main/java/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java

```

*/

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* /rxjava-1-3-8-sources-4-jar/rx/internal/util/unsafe/ConcurrentSequencedCircularArrayQueue.java
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* /rxjava-1-3-8-sources-4-jar/rx/Emitter.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilObservable.java

* /rxjava-1-3-8-sources-4-jar/rx/observables/package-info.java

* /rxjava-1-3-8-sources-4-jar/rx/observers/SafeCompletableSubscriber.java

*

/rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionObserver.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeThrow.java

* /rxjava-1-3-8-sources-4-jar/rx/observers/package-info.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilCompletable.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFlatMapSingleToCompletable.java

* /rxjava-1-3-8-sources-4-jar/rx/annotations/package-info.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/util/InternalObservableUtils.java

* /rxjava-1-3-8-sources-4-jar/rx/BackpressureOverflow.java

* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaCompletableExecutionHook.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnUnsubscribe.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/Unsubscribed.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeLift.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleLiftObservableOperator.java

* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHook.java

*

/rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnErrorReturn.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssembly.java

* /rxjava-1-3-8-sources-4-jar/rx/functions/package-info.java

* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromObservable.java

- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblyCompletable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromEmitter.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCreate.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionNotificationObserver.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeOnAssemblySingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/subscriptions/CancellableSubscription.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleObserveOn.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/GenericScheduledExecutorServiceFactory.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/observers/AssertableSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/subjects/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSingleExecutionHookDefault.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/observers/AssertableSubscriberObservable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromCallable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/ObserverSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/exceptions/AssemblyStackTraceException.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleFromFuture.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTakeUntilSingle.java
- * /rxjava-1-3-8-sources-4-jar/rx/functions/Cancellable.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/EmptyObservableHolder.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleToObservable.java
- *
- /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulerWhen.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/NeverObservableHolder.java
- * /rxjava-1-3-8-sources-4-jar/rx/observers/AsyncCompletableSubscriber.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/schedulers/SchedulePeriodicHelper.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFlattenIterable.java
- * /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaHooks.java
- * /rxjava-1-3-8-sources-4-jar/rx/singles/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/subscriptions/package-info.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDelay.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleTimeout.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleDoOnSubscribe.java
- * /rxjava-1-3-8-sources-4-jar/rx/internal/util/ActionSubscriber.java

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Found in path(s):

* /rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCExactAtomicArrayQueue.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/atomic/SpSCAtomicArrayQueue.java

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* /rxjava-1-3-8-sources-4-jar/rx/CompletableEmitter.java
* /rxjava-1-3-8-sources-4-jar/rx/CompletableSubscriber.java
* /rxjava-1-3-8-sources-4-jar/rx/SingleEmitter.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/CompletableFromEmitter.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/util/UtilityFunctions.java

* /rxjava-1-3-8-sources-4-jar/rx/Observable.java

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* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeReduce.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/SuppressAnimalSniffer.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeTakeLastOne.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/DeferredScalarSubscriber.java
*
* /rxjava-1-3-8-sources-4-jar/rx/internal/util/ExceptionsUtils.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeConcatMap.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeCollect.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOnSubscribeUsing.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeFromCallable.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/DeferredScalarSubscriberSafe.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorOnErrorResumeNext.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribeReduceSeed.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/OnSubscribePublishMulticast.java
* /rxjava-1-3-8-sources-4-jar/rx/internal/operators/SingleOperatorZip.java
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/**

* This plugin class provides 2 ways to customize {@link Scheduler} functionality

* 1. You may redefine entire schedulers, if you so choose. To do so, override

* the 3 methods that return Scheduler (io(), computation(), newThread()).

* 2. You may wrap/decorate an {@link Action0}, before it is handed off to a Scheduler. The system-

* supplied Schedulers (Schedulers.ioScheduler, Schedulers.computationScheduler,

* Scheduler.newThreadScheduler) all use this hook, so it's a convenient way to

* modify Scheduler functionality without redefining Schedulers wholesale.

*

* Also, when redefining Schedulers, you are free to use/not use the onSchedule decoration hook.

* <p>

* See {@link RxJavaPlugins} or the RxJava GitHub Wiki for information on configuring plugins:

* https://github.com/ReactiveX/RxJava/wiki/Plugins.

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* /rxjava-1-3-8-sources-4-jar/rx/plugins/RxJavaSchedulersHook.java

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This package contains code that relies on sun.misc.Unsafe. Before using it you MUST assert
UnsafeAccess.isUnsafeAvailable() == true

Much of the code in this package comes from or is inspired by the JCTools project:

<https://github.com/JCTools/JCTools>

JCTools has now published artifacts (<https://github.com/JCTools/JCTools/issues/17>) so RxJava could add JCTools as a "shadow" dependency (<https://github.com/ReactiveX/RxJava/issues/1735>).

RxJava has a "zero dependency" policy for the core library, so if we do add it as a dependency, it won't be an externally visible dependency that results in a separate jar.

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1.63 log4j-api 2.17.1

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1.64 apache-log4j 2.17.1

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1.66 jackson 2.17.1

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.67 kafka-schema-serializer 5.5.5

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```
<project xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://maven.apache.org/POM/4.0.0"
```



```

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">

<modelVersion>4.0.0</modelVersion>

<parent>
  <groupId>io.confluent</groupId>
  <artifactId>kafka-schema-registry-parent</artifactId>
  <version>5.5.5</version>
</parent>

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

<artifactId>kafka-schema-serializer</artifactId>
<packaging>jar</packaging>
<name>kafka-schema-serializer</name>

<dependencies>
  <dependency>
    <groupId>org.apache.kafka</groupId>
    <artifactId>kafka_${kafka.scala.version}</artifactId>
    <scope>provided</scope>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry-client</artifactId>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>common-config</artifactId>
  </dependency>

  <dependency>
    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <scope>test</scope>
  </dependency>
</dependencies>
</project>

```

Found in path(s):

* /kafka-schema-serializer-5-5-5-jar/META-INF/maven/io.confluent/kafka-schema-serializer/pom.xml

1.68 metrics-jmx 4.0.5

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1.69 metrics-servlets 4.0.5

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1.71 metrics-httpclient 4.0.5

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1.72 metrics-jvm 4.0.5

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1.73 metrics-jetty 4.0.5

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1.74 metrics-json 4.0.5

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1.75 annotations 4.1.1.4

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 */
```

Found in path(s):

```
* /annotations-4-1-1-4-sources-jar/android/annotation/SuppressLint.java
* /annotations-4-1-1-4-sources-jar/android/annotation/TargetApi.java
```

1.76 slf4j 1.7.36

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1.84 agent-api 4.5.13.27526

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```

Found in path(s):

```
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/bootstrap/IApiBootstrapFacade.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/ExitTypes.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/bootstrap/NoOpTransactionDelegate.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/bootstrap/IApiTransactionDelegate.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/EntryTypes.java
```

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```
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 */
```

Found in path(s):

```
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/AppdynamicsAgent.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/impl/NoOpExitCall.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/ExitCall.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/EumDelegate.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/EventPublisher.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/MetricPublisher.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/impl/NoOpTransaction.java
* /agent-api-4-5-13-27526-sources-jar/com/appdynamics/agent/api/Transaction.java
```

1.85 jsoup 1.15.3

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1.86 javassist 3.29.2-GA

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Found in path(s):

- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteStream.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/Callback.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtConstructor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/InnerClassesAttribute.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/compiler/Lex.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactoryImpl.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtNewClass.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/NewExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeIterator.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtNewWrappedConstructor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/FieldAccess.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Loader.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/IntQueue.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Member.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPool.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LineNumberAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/BinExpr.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/StackMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Desc.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/SoftValueHashMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/Viewer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/BasicBlock.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/FactoryHelper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/Modifier.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Type.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/NestMembersAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ByteArrayClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/MemberCodeGen.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/NestHostAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/KeywordTable.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Expr.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Pair.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AccessFlag.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/Transformer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/HotSwapAgent.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ProceedHandler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtClassType.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/FieldInfo.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/ObjectNotFoundException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformNewClass.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Inner.java

- * /javassist-3-29-2-ga-sources-jar/javassist/ClassMap.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPoolTail.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFilePrinter.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/compiler/TypeChecker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ParameterAnnotationsAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformAfter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ConstantAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/ClassPool.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/DeprecatedAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/web/BadHttpRequest.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyFactory.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CastExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ASTree.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Frame.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtNewMethod.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeData.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtPrimitiveType.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/MapMaker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/InstanceOfExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/SerializedProxy.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/ExprEditor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/Translator.java
- * /javassist-3-29-2-ga-sources-jar/javassist/LoaderClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Analyzer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformReadField.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Handler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolFactory.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/NoSuchClassError.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/BadBytecode.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Stmnt.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ByteArray.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Symbol.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformCall.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformFieldAccess.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/AppletServer.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/Parser.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/Proxy.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Keyword.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/NewArray.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CallExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CodeConverter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/DoubleConst.java
- * /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformAccessArrayField.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/ObjectImporter.java

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*
/javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotReflectException.java
* /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformWriteField.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Opcodes.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/EnclosingMethodAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/MultiArrayType.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Compiler.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObjectOutputStream.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Declarator.java
* /javassist-3-29-2-ga-sources-jar/javassist/CannotCompileException.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/Tracer.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtBehavior.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/IntConst.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/MethodCall.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/framedump.java
*
/javassist-3-29-2-ga-sources-jar/javassist/util/proxy/DefinePackageHelper.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Subroutine.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/JvstCodeGen.java
* /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformBefore.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtMethod.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Visitor.java
* /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolRepositoryImpl.java
* /javassist-3-29-2-ga-sources-jar/javassist/Loader.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/CodeGen.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/FramePrinter.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/StubGenerator.java
* /javassist-3-29-2-ga-sources-jar/javassist/runtime/DotClass.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeAttribute.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/ConstPool.java
* /javassist-3-29-2-ga-sources-jar/javassist/SerialVersionUID.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/FieldDecl.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LongVector.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ExceptionsAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypedBlock.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/StackMapTable.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LocalVariableAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFileWriter.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ExceptionTable.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/RemoteRef.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/Proxy.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/Javac.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtMember.java
*
/javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/CondExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtNewConstructor.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/ConstructorCall.java

```


- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Executor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/SyntaxError.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/SymbolTable.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/ClassMetaobject.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/Sample.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/Dump.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtNewWrappedMethod.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/MethodHandler.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObject.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/JvstTypeChecker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/ControlFlow.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/NotFoundException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/scopedpool/ScopedClassPoolRepository.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SyntheticAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/AccessorMaker.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Sample.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Metaobject.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/MethodFilter.java
- * /javassist-3-29-2-ga-sources-jar/javassist/runtime/Cflow.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/CompileError.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtClass.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotCreateException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Bytecode.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ASTList.java
- * /javassist-3-29-2-ga-sources-jar/javassist/CtArray.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/bytecode/stackmap/TypeTag.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/DefineClassHelper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/MultiType.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/MethodInfo.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/ClassFile.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AnnotationDefaultAttribute.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Instanceof.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/MethodDecl.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/AssignExpr.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Mnemonic.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/Util.java
- * /javassist-3-29-2-ga-sources-jar/javassist/compiler/NoFieldException.java
- * /javassist-3-29-2-ga-sources-jar/javassist/expr/Cast.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/DuplicateMemberException.java
- *
- /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Metalevel.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationImpl.java
- * /javassist-3-29-2-ga-sources-jar/javassist/URLClassPath.java
- * /javassist-3-29-2-ga-sources-jar/javassist/bytecode/Descriptor.java
- * /javassist-3-29-2-ga-sources-jar/javassist/util/HotSwapper.java
- * /javassist-3-29-2-ga-sources-jar/javassist/tools/rmi/RemoteException.java

```

* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationsWriter.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/MemberResolver.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/LocalVariableTypeAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Expr.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SourceFileAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/convert/TransformNew.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/ArrayInit.java
*
/javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/CannotInvokeException.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/SecurityActions.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/ProxyObjectInputStream.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/InstructionPrinter.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/web/Webserver.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/StringL.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/TokenId.java
* /javassist-3-29-2-ga-sources-jar/javassist/compiler/ast/Variable.java
* /javassist-3-29-2-ga-sources-jar/javassist/util/proxy/RuntimeSupport.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AttributeInfo.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/SignatureAttribute.java
* /javassist-3-29-2-ga-sources-jar/javassist/tools/reflect/Reflection.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/AnnotationsAttribute.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/analysis/SubroutineScanner.java
* /javassist-3-29-2-ga-sources-jar/javassist/CtField.java
* /javassist-3-29-2-ga-sources-jar/javassist/expr/NewExpr.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/CodeAnalyzer.java
No license file was found, but licenses were detected in source scan.

```

```

/*
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```

Found in path(s):

```

* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/FloatMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValueVisitor.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/MemberValue.java

```

```

*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/LongMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/CharMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ByteMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ClassMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/Annotation.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ArrayMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/DoubleMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/ShortMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/IntegerMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/StringMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/EnumMemberValue.java
*
/javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/BooleanMemberValue.java
* /javassist-3-29-2-ga-sources-jar/javassist/bytecode/annotation/AnnotationMemberValue.java

```

1.87 common-utils 4.1.0

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1.88 guice-persist 4.2.2

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1.89 kafka-avro-serializer 4.1.0

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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```
<!DOCTYPE html>
```

```
<html lang="en">
```

```
<head>
```

```
<meta charset="utf-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<meta name="description" content="Home page of The Apache Software Foundation">
```

```
<link rel="apple-touch-icon" sizes="57x57" href="/favicons/apple-touch-icon-57x57.png">
```

```
<link rel="apple-touch-icon" sizes="60x60" href="/favicons/apple-touch-icon-60x60.png">
```

```
<link rel="apple-touch-icon" sizes="72x72" href="/favicons/apple-touch-icon-72x72.png">
```

```
<link rel="apple-touch-icon" sizes="76x76" href="/favicons/apple-touch-icon-76x76.png">
```

```
<link rel="apple-touch-icon" sizes="114x114" href="/favicons/apple-touch-icon-114x114.png">
```

```
<link rel="apple-touch-icon" sizes="120x120" href="/favicons/apple-touch-icon-120x120.png">
```

```
<link rel="apple-touch-icon" sizes="144x144" href="/favicons/apple-touch-icon-144x144.png">
```

```

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

<title>Apache License, Version 2.0</title>
<link href='https://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700%7cDroid+Serif:400,700'
rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

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 <!--

```

</head>

```

```

<body>
<!-- Navigation -->
<header>
<nav class="navbar navbar-default navbar-fixed-top">
  <div class="container">
    <div class="navbar-header">
      <button class="navbar-toggle" type="button" data-toggle="collapse" data-target="#mainnav-collapse">
        <span class="sr-only">Toggle navigation</span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
        <span class="icon-bar"></span>
      </button>
      <a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>
    </div>
    <div class="collapse navbar-collapse" id="mainnav-collapse">

```



```

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

<li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
<li><a href="/foundation/contributing.html">Donations</a></li>
<li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
<li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>

```

```

        </li>
    </ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
    <div class="col-md-9 col-sm-8 col-xs-12">
        
    </div>
    <div class="col-md-3 col-sm-4 col-xs-12">
        <div class="input-group" style="margin-bottom: 5px;">
            <script>
(function() {
    var cx = '005703438322411770421:5mgshgrgx2u';
    var gcse = document.createElement('script');
    gcse.type = 'text/javascript';
    gcse.async = true;
    gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
        '//cse.google.com/cse.js?cx=' + cx;
    var s = document.getElementsByTagName('script')[0];
    s.parentNode.insertBefore(gcse, s);
})();
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
</div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
   It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
    visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover >

```

.headerlink, dt: hover > .elementid-permalink { visibility: visible }</style>
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Footer

```

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

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

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

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

  </ul>
</div>

<div class="col-sm-2">

```

```

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

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

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

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
  <div class="col-lg-12">
    <p class="text-center">Copyright © 2016 The Apache Software Foundation, Licensed under the <a
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    <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
  </div>
</div>
</div>

</footer>

<!-- / Footer -->

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

```


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<html><head>

<title>301 Moved Permanently</title>

</head><body>

<h1>Moved Permanently</h1>

<p>The document has moved here.</p>

</body></html>

The following commands were used to generate license and notice files. Replace <VERSION> with the Schema Registry version, <SRC_PATH> with the path to the Schema Registry source directory, and <LICENSE_TOOL_PATH> with the path of the license tool.

```
cd <SRC_PATH>
```

```
mvn package -DskipTests
```

```
mkdir /tmp/jars
```

```
mkdir /tmp/overrides
```

```
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
```

```
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
```

```
cd <LICENSE_TOOL_PATH>
```

```
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h
```

```
<SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
```

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
```

```
<title>Untitled Document</title>
```

```
</head>
```

```
<body>
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
```

```
<HTML>
```

```
<!-- @page { margin: 0.79in } P { margin-bottom: 0.08in } H1 { margin-top: 0in; margin-bottom: 0.17in; widows: 0; orphans: 0 } H1.western { font-family: "Times New Roman", serif; font-size: 12pt; font-weight: normal } H1.cjk { font-family: "Andale Sans UI"; font-size: 12pt; font-weight: normal } H1.clt { font-family: "Tahoma"; font-size: 12pt; font-weight: normal } -->
```

```
<BODY DIR="LTR">
```

```
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```

```
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```

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</li>
<p><br />
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<p><br />
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</body>
</html>
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```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN"  
"http://www.w3.org/TR/html4/loose.dtd">
```

```
<html lang="en-US">
```

```
<head>
```

```
<title>GlassFish Dual License Header and License Notice GPL v2 and CDDL</title>
```

```
<meta http-equiv="content-type" content="text/html; charset=UTF-8">
```

```
<style type="text/css">
```

```
li {display: block;}
```

```
</style>
```

```
</head>
```

```
<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">
```

```
<h3>COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0</h3>
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<li><p><b>1. Definitions.</b></p>
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<li>
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entity that creates or contributes to the creation of
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</p>
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use pieces of it in new free programs; and that you
know you can
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</p>
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</p>
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</p>

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</p>

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The precise terms and conditions for copying, distribution and modification follow.

</p>

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<ul style="margin-left:0; padding-left:0; border-left:0">

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it may be

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</p>

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</p>

<p>

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</p>

<p>

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</p>

<p>

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</p>

<p>

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</p>

<p>

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if the Program itself is interactive

but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

</p>

<p>

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</p>

<p>

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<p>

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</p>

<p>

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</p>

<p>

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</p>

<p>

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</p>

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</p>

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</p>

<p>

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</p>

<p>

One line to give the program's name and a brief idea of what it does.

</p>

<p>

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</p>

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59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

</p>

<p>

Also add information on how to contact you by electronic and paper mail.

</p>

<p>

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

</p>

<p>

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.

</p>

<p>

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.

</p>

<p>

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:

</p>

<p>

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

</p>

<p>

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

</p>

<p>

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</p>

<li style="background-color:yellow;">

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</p>

</body>

</html>

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

Licensing

Jackson core and extension components may be licensed under different licenses. To find the details that apply to this artifact see the accompanying LICENSE file. For more information, including possible other licensing options, contact FasterXML.com (<http://fasterxml.com>).

Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

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

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

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

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</head>

<body>

<!--

Navigation -->

<header>

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

<div class="container">

<div class="navbar-header">

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

Toggle navigation

</button>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left">Home » Licenses</div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

About

<ul class="dropdown-menu" role="menu">

Overview

Members

Process

Sponsorship

Glossary

FAQ

Contact

Projects

<li class="dropdown">

People

<ul class="dropdown-menu" role="menu">

Overview

Committers

```

<li><a href="/foundation/how-it-works.html#meritocracy">Meritocracy</a></li>
<li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
<li><a href="http://planet.apache.org/">Planet Apache</a></li>
</ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">
  
</div>
<div class="col-md-3 col-sm-4 col-xs-12">
  <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];

```

```

        s.parentNode.insertBefore(gcse, s);
    })();
</script>
    <gcse:searchbox-only></gcse:searchbox-only>
</div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
    visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover
> .elementid-permalink { visibility: visible }</style>
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listed below.</p>
<h3 id="2.0">Apache License, Version 2.0 (current)<a class="headerlink" href="#2.0" title="Permanent
link">&para;</a></h3>
<p><a href="LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a> (
<a href="LICENSE-2.0.txt">TXT</a> or <a href="LICENSE-2.0.html">HTML</a> )</p>
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goals of this license revision have been to reduce the number of frequently
asked questions, to allow the license to be reusable without modification

```

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```
<blockquote>
```

```
<p>gpg --armor --detach-sign icla.pdf</p>
```

```
</blockquote>
```

The above will create

a file icla.pdf.asc. Send both the file and signature

as attachments in the same email to secretary@apache.org. Please send only one

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<p>For export restriction information, please consult our ASF Export Classifications page.</p>

<h1 id="trademarks">Trademark and Logo Usage¶</h1>

<p>For ASF trademark and logo usage information, please consult our ASF Trademark Use Policy page.</p>

<h1 id="questions">Questions?¶</h1>

<p>For answers to frequently asked licensing questions, please consult our Licensing Frequently Asked Questions page.</p></div>

<!-- Footer -->

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

</div>

<div class="col-sm-2">

<h5 class="white">Community</h5>

<ul class="list-unstyled white" role="menu">

Overview

Conferences

Summer of Code

Getting Started

The Apache Way

Travel Assistance

Get Involved

Community FAQ

</div>

<div class="col-sm-2">

<h5 class="white">Innovation</h5>

<ul class="list-unstyled white" role="menu">

Incubator

Labs

Licensing

Licensing FAQ

Trademark Policy

Contacts

</div>

<div class="col-sm-2">


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    <li><a href="/dev/infrastructure.html">Infrastructure</a></li>
    <li><a href="/security/">Security</a></li>
    <li><a href="http://status.apache.org">Status</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

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

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    <li><a href="/licenses/">Licenses</a></li>
    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy
Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
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</div>

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</footer>

<!-- / Footer -->

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<script src="/js/bootstrap.js"></script>

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</html>

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Upstream-Name: schema-registry

Source: <https://github.com/confluentinc/schema-registry>

Files: *

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Version 2.0, January 2004

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Java ClassMate library was originally written by Tatu Saloranta (tatu.saloranta@iki.fi)

Other developers who have contributed code are:

* Brian Langel

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<body>

<!-- Navigation -->

<header>

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

<div class="container">

<div class="navbar-header">

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

Toggle navigation

</button>

</div>

<div class="collapse navbar-collapse" id="mainnav-collapse">

<div style="line-height:20px; padding-top:5px; float:left">Home » Licenses</div>

<ul class="nav navbar-nav navbar-right">

<li class="dropdown">

About

<ul class="dropdown-menu"

role="menu">

Overview

Members

Process

Sponsorship

Glossary

FAQ

Contact

Projects

<li class="dropdown">

People

<ul class="dropdown-menu" role="menu">

Overview

Committers

Meritocracy

```

    <li><a href="/foundation/how-it-works.html#roles">Roles</a></li>
    <li><a href="http://planet.apache.org/">Planet Apache</a></li>
  </ul>
</li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Get Involved <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">
    <li><a href="/foundation/getinvolved.html">Overview</a></li>
    <li><a href="http://community.apache.org/">Community Development</a></li>
    <li><a href="http://helpwanted.apache.org/">Help Wanted</a></li>
    <li><a href="http://www.apachecon.com/">ApacheCon</a></li>
  </ul>
</li>
<li><a href="/dyn/closer.cgi">Download</a></li>
<li class="dropdown">
  <a href="#" class="dropdown-toggle" data-toggle="dropdown">Support Apache <span
class="caret"></span></a>
  <ul class="dropdown-menu" role="menu">

    <li><a href="/foundation/sponsorship.html">Sponsorship</a></li>
    <li><a href="/foundation/contributing.html">Donations</a></li>
    <li><a href="/foundation/buy_stuff.html">Buy Stuff</a></li>
    <li><a href="/foundation/thanks.html">Thanks</a></li>
  </ul>
</li>
</ul>
</div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
<div class="row">
<div class="col-md-9 col-sm-8 col-xs-12">
  
</div>
<div class="col-md-3 col-sm-4 col-xs-12">
  <div class="input-group" style="margin-bottom: 5px;">
    <script>
(function() {
var cx = '005703438322411770421:5mgshgrgx2u';
var gcse = document.createElement('script');
gcse.type = 'text/javascript';
gcse.async = true;
gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
  '//cse.google.com/cse.js?cx=' + cx;
var s = document.getElementsByTagName('script')[0];

```

```

    s.parentNode.insertBefore(gcse, s);
  })();
</script>
  <gcse:searchbox-only></gcse:searchbox-only>
</div>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
  <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
  <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
  visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover >
.headerlink, dt:hover > .elementid-permalink { visibility: visible }</style>
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link">¶</h1>

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</pre></div></div>

<!-- Footer -->

<footer class="bg-primary">

<div class="container">

<div class="row">

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

</div>

<div class="col-sm-2">

<h5 class="white">Community</h5>

<ul class="list-unstyled white" role="menu">

Overview

Conferences

Summer of Code

Getting Started

The Apache Way

Travel Assistance

Get Involved

Community
FAQ

</div>

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

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

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

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

```

</div>

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

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
  <p class="text-center">Copyright © 2016 The Apache Software Foundation, Licensed under the <a
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</div>
</div>
</div>

</footer>

<!-- / Footer -->

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

```

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```
<!DOCTYPE HTML PUBLIC "-//IETF/DTD HTML 2.0//EN">
```

```
<html><head>
```

```
<title>301 Moved Permanently</title>
```

```
</head><body>
```

```
<h1>Moved Permanently</h1>
```

```
<p>The document has moved <a href="https://opensource.org/licenses/mit-license.php">here</a>.</p>
```

```
</body></html>
```

The following commands were used to generate license and notice files. Replace <VERSION> with the Schema Registry version, <SRC_PATH> with the path to the Schema Registry source directory,

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```
cd <SRC_PATH>
mvn package -DskipTests
mkdir /tmp/jars
mkdir /tmp/overrides
cp package-schema-registry/target/kafka-schema-registry-package-<VERSION>-package/share/java/schema-registry/*.jar /tmp/jars/
cp package-kafka-serde-tools/target/kafka-serde-tools-package-<VERSION>-package/share/java/kafka-serde-tools/*.jar /tmp/jars/
cd <LICENSE_TOOL_PATH>
./bin/run_license_job.bash -i /tmp/jars -l <SRC_PATH>/licenses -n <SRC_PATH>/notices -h <SRC_PATH>/licenses-and-notices.html -o /tmp/overrides
```

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```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
```

```
<head>
```

```
<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />
```

```
<title>Untitled Document</title>
```

```
</head>
```

```
<body>
```

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
```

```
<HTML>
```

```
<!-- @page { margin: 0.79in } P { margin-bottom: 0.08in } H1 { margin-top: 0in; margin-bottom: 0.17in; widows: 0; orphans: 0 } H1.western { font-family: "Times New Roman", serif; font-size: 12pt; font-weight: normal } H1.cjk { font-family: "Andale Sans UI"; font-size: 12pt; font-weight: normal } H1.ctl { font-family: "Tahoma"; font-size: 12pt; font-weight: normal } -->
```

```
<BODY DIR="LTR">
```

```
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Apache log4j

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  li {display: block;}
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<body leftmargin="0" topmargin="0" marginheight="0" marginwidth="0" bgcolor="#ffffff">

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</body>

</html>

Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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<html lang="en">

<head>

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<meta name="viewport" content="width=device-width, initial-scale=1">

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<meta name="msapplication-config" content="/favicons/browserconfig.xml">
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rel='stylesheet' type='text/css'>
<link href="/css/min.bootstrap.css" rel="stylesheet">
<link href="/css/styles.css" rel="stylesheet">

```

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```

</head>

```

```

<body>

```

```

<!--

```

```

Navigation -->

```

```

<header>

```

```

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

```

```

<div class="container">

```

```

<div class="navbar-header">

```

```

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

```

```

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

```

```

<span class="icon-bar"></span>

```

```

<span class="icon-bar"></span>

```

```

<span class="icon-bar"></span>

```

```

</button>

```

```

<a href="#" class="navbar-brand"><span class="glyphicon glyphicon-home"></span></a>

```

```

</div>

```



```

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

```

```

        </ul>
    </div>
</div>
</nav>
</header>
<!-- / Navigation -->
<div class="container">
    <div class="row">
        <div class="col-md-9 col-sm-8 col-xs-12">
            
        </div>
        <div class="col-md-3 col-sm-4 col-xs-12">
            <div class="input-group" style="margin-bottom: 5px;">
                <script>
(function() {
    var cx = '005703438322411770421:5mgshgrgx2u';
    var gcse = document.createElement('script');
    gcse.type = 'text/javascript';
    gcse.async = true;
    gcse.src = (document.location.protocol == 'https:' ? 'https:' : 'http:') +
        '//cse.google.com/cse.js?cx=' + cx;
    var s = document.getElementsByTagName('script')[0];
    s.parentNode.insertBefore(gcse, s);
})();
</script>
        <gcse:searchbox-only></gcse:searchbox-only>
    </div>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/governance/">The Apache Way</a>
    <a role="button" class="btn btn-block btn-default btn-xs"
href="https://community.apache.org/contributors/">Contribute</a>
    <a role="button" class="btn btn-block btn-default btn-xs" href="/foundation/thanks.html">ASF Sponsors</a>
</div>
</div>
<div class="container"><style type="text/css">
/* The following code is added by mdx_elementid.py
It was originally lifted from http://subversion.apache.org/style/site.css */
/*
* Hide class="elementid-permalink", except when an enclosing heading
* has the :hover property.
*/
.headerlink, .elementid-permalink {
    visibility: hidden;
}
h2:hover > .headerlink, h3:hover > .headerlink, h1:hover > .headerlink, h6:hover > .headerlink, h4:hover >
.headerlink, h5:hover > .headerlink, dt:hover
> .elementid-permalink { visibility: visible }</style>
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```

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to +1-919-573-9199. Please send documents right-side-up, first page first;
and send only one document per fax.</p>
<p>If submitting by email, please fill the form with a pdf viewer,
print, sign, scan all pages into a single pdf file,
and email the pdf file as an attachment to secretary@apache.org. If possible,
send the attachment from the email address in the document.
Please send only one document per email.</p>
<p>If you prefer to sign electronically, please fill the form, save it locally (e.g. icla.pdf), and sign the
file by preparing a detached PGP signature. For example,</p>
<blockquote>
<p>gpg --armor --detach-sign icla.pdf</p>
</blockquote>
<p>The above will create
a file icla.pdf.asc. Send both the file and signature
as attachments in the same email to secretary@apache.org. Please send only one
document (file plus signature) per email. Please do not submit your public key to Apache.
Instead, please upload your public key to pgpkeys.mit.edu. </p>
<p>The files typically are named
icla.pdf and icla.pdf.asc for individual agreements;
ccla.pdf and ccla.pdf.asc for corporate agreements;
software-grant.pdf and software-grant.pdf.asc for grants. </p>
<h1 id="crypto">Export restrictions¶</h1>
<p>For export restriction information, please consult our ASF Export
Classifications page.</p>
<h1 id="trademarks">Trademark and Logo Usage<a class="headerlink" href="#trademarks" title="Permanent
link">¶</h1>
<p>For ASF trademark and logo usage information, please consult our ASF
Trademark Use Policy page.</p>
<h1 id="questions">Questions?¶</h1>
<p>For answers to frequently asked licensing questions, please consult our
Licensing Frequently Asked Questions page.</p></div>

<!-- Footer -->

<footer class="bg-primary">
<div class="container">
<div class="row">

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

</div>
<div class="col-sm-2">
<h5 class="white">Community</h5>
<ul class="list-unstyled white" role="menu">
Overview
Conferences
Summer of Code

```
<li><a href="http://community.apache.org/newcomers/">Getting Started</a></li>
<li><a href="/foundation/how-it-works.html">The Apache Way</a></li>
<li><a href="/travel/">Travel Assistance</a></li>
<li><a href="/foundation/getinvolved.html">Get
Involved</a></li>
<li><a href="http://community.apache.org/newbiefaq.html">Community FAQ</a></li>
</ul>
</div>
```

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

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

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

```
<div class="col-sm-2">
<h5 class="white">Legal</h5>
<ul class="list-unstyled white" role="menu">
<li><a href="/legal/">Legal Affairs</a></li>
<li><a href="/licenses/">Licenses</a></li>
```

```

    <li><a href="/foundation/marks/">Trademark Policy</a></li>
    <li><a href="/foundation/records/">Public Records</a></li>
    <li><a href="/foundation/policies/privacy.html">Privacy
Policy</a></li>
    <li><a href="/licenses/exports/">Export Information</a></li>
    <li><a href="/foundation/license-faq.html">License/Distribution FAQ</a></li>
    <li><a href="/foundation/contact.html">Contacts</a></li>
  </ul>
</div>

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

</div>
<hr class="col-lg-12 hr-white" />
<div class="row">
<div class="col-lg-12">
  <p class="text-center">Copyright &#169; 2016 The Apache Software Foundation, Licensed under the <a
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  <p class="text-center">Apache and the Apache feather logo are trademarks of The Apache Software
Foundation.</p>
</div>
</div>
</div>

</footer>

<!-- / Footer -->

<script src="/js/jquery-2.1.1.min.js"></script>
<script src="/js/bootstrap.js"></script>
</body>
</html>
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: schema-registry
Source: https://github.com/confluentinc/schema-registry

Files: *
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Files: debian/*
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1.92 common-config 4.1.0

1.92.1 Available under license :

MIT

1.93 lz4 1.9.4

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Upstream-Name: liblz4

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

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

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1.94 httpcomponents-core 4.4.16

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1.96 httpcomponents-mime 4.5.14

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Manifest-Version: 1.0
Bnd-LastModified: 1662622707903
Build-Jdk-Spec: 11
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 4.0.1
Created-By: Apache Maven Bundle Plugin 5.1.6
Export-Package: org.jctools.maps;version="4.0.1",org.jctools.util;uses
:="sun.misc";version="4.0.1",org.jctools.queues;version="4.0.1",org.j
ctools.queues.atomic;uses="org.jctools.queues";version="4.0.1",org.j
ctools.queues.unpadded;uses="org.jctools.queues";version="4.0.1",org
.jctools.counters;version="4.0.1"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-6.2.0.202202251641

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1.99 gson 2.10.1

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Manifest-Version: 1.0
Created-By: 11.0.16.1 (Azul Systems, Inc.)
Build-Jdk-Spec: 11
Bnd-LastModified: 1673019830620
Bundle-ContactAddress: <https://github.com/google/gson>
Bundle-Description: Gson JSON library
Bundle-Developers: google;organization=Google;organizationUrl="https://www.google.com"
Bundle-DocURL: <https://github.com/google/gson/gson>
Bundle-License: "Apache-2.0";link="https://www.apache.org/licenses/LICENSE-2.0.txt"
Bundle-ManifestVersion: 2
Bundle-Name: Gson
Bundle-RequiredExecutionEnvironment: JavaSE-1.7, JavaSE-1.8
Bundle-SCM: url="https://github.com/google/gson/gson/",connection="scm:git:https://github.com/google/gson.git/gson",developer-connection="scm:git:git@github.com:google/gson.git/gson",tag="gson-parent-2.10.1"
Bundle-SymbolicName: com.google.gson
Bundle-Vendor: Google Gson Project
Bundle-Version: 2.10.1
Export-Package: com.google.gson;uses:="com.google.gson.reflect,com.google.gson.stream";version="2.10.1",com.google.gson.annotations;version="2.10.1",com.google.gson.reflect;version="2.10.1",com.google.gson.stream;version="2.10.1"
Import-Package: sun.misc;resolution:=optional,com.google.gson.annotations
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-6.4.0.202211291949
Multi-Release: true

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* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java

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/**
 * A Base64 encoder/decoder.
 *
```

```

* <p>
* This class is used to encode and decode data in Base64 format as described in RFC 1521.
*
* <p>
* Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.
* source-code.biz/base64coder/java</a><br>
* Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
* Multi-licensed: EPL / LGPL / GPL / AL / BSD.
*/

```

Found in path(s):

```

* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java
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* /snakeyaml-2-0-sources-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml
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```

```

/**

```

```

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*/

```

Found in path(s):

```

* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/Parser.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java
*
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
* /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/AliasEvent.java

```

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/ScalarEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/EmitterState.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CommentEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/AliasToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/Construct.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/Property.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/Production.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/Scanner.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/composer/ComposerException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/MappingNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/Emitable.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/DumperOptions.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/Represent.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/Node.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/Constant.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/NodeId.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/ParserImpl.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/Yaml.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java
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- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/parser/ParserException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/representer/Representer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TrustedTagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/Serializer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/EmitterException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentLine.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/LoaderOptions.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/CommentToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
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- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TrustedPrefixesTagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/Mark.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/YAMLException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/TypeDescription.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java
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- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/Token.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
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- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java

- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/composer/Composer.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/nodes/Tag.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/internal/Logger.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
- *
- /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/events/Event.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/comments/CommentType.java
- * /snakeyaml-2-0-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java

1.101 bouncycastle-fips 2.0.0

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1.102 bridgeutils 1.7.1-r2

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1.103 kafka-streams-avro-serde 6.2.1

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1.104 java-diff-utils 4.12

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```
* #L%
*/
```

Found in path(s):

- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/patch/ConflictOutput.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/patch/Patch.java

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- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/text/StringUtils.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/patch/DeleteDelta.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/algorithm/myers/MeyersDiff.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/algorithm/myers/PathNode.java
- *
 - /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/text/DiffRowGenerator.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/patch/DiffException.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/text/DiffRow.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/patch/PatchFailedException.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/patch/ChangeDelta.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/patch/InsertDelta.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/patch/Chunk.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/DiffUtils.java

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- */

Found in path(s):

- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/unifieddiff/UnifiedDiffWriter.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/unifieddiff/UnifiedDiff.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/unifieddiff/package-info.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/unifieddiff/UnifiedDiffFile.java
- *
 - /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/unifieddiff/UnifiedDiffParserException.java
 - * /java-diff-utils-4-12-sources-1-jar/com/github/diffliib/unifieddiff/UnifiedDiffReader.java

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* /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/patch/EqualDelta.java

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Found in path(s):

* /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/patch/AbstractDelta.java

* /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/algorithm/DiffAlgorithmI.java

* /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/algorithm/DiffAlgorithmListener.java

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- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/patch/DeltaType.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/algorithm/Change.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/UnifiedDiffUtils.java

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- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/patch/VerifyChunk.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/algorithm/myers/MeyersDiffWithLinearSpace.java
- * /java-diff-utils-4-12-sources-1-jar/com/github/diffli/p/algorithm/DiffAlgorithmFactory.java

1.105 kafka-protobuf-provider 5.5.5

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```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
```

```

<modelVersion>4.0.0</modelVersion>

<parent>
  <groupId>io.confluent</groupId>
  <artifactId>kafka-schema-registry-parent</artifactId>
  <version>5.5.5</version>
</parent>

<licenses>
  <license>
    <name>Confluent Community License</name>
    <url>http://www.confluent.io/confluent-community-license</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<artifactId>kafka-protobuf-provider</artifactId>
<packaging>jar</packaging>
<name>kafka-protobuf-provider</name>

<dependencies>
  <dependency>
    <groupId>com.squareup.wire</groupId>
    <artifactId>wire-schema</artifactId>
  </dependency>
  <dependency>
    <groupId>org.jetbrains.kotlin</groupId>
    <artifactId>kotlin-stdlib</artifactId>
  </dependency>
  <dependency>
    <groupId>com.google.protobuf</groupId>
    <artifactId>protobuf-java</artifactId>
  </dependency>
  <dependency>
    <groupId>com.google.protobuf</groupId>
    <artifactId>protobuf-java-util</artifactId>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry-client</artifactId>
  </dependency>
  <dependency>
    <groupId>org.mockito</groupId>

```

```

        <artifactId>mockito-core</artifactId>
        <scope>test</scope>
    </dependency>
</dependency>

    <groupId>junit</groupId>
    <artifactId>junit</artifactId>
    <scope>test</scope>
</dependency>
</dependencies>

<build>
    <plugins>
        <plugin>
            <groupId>com.github.os72</groupId>
            <artifactId>protoc-jar-maven-plugin</artifactId>
        </plugin>
    </plugins>
</build>
</project>

```

Found in path(s):

* /kafka-protobuf-provider-5-5-5-jar/META-INF/maven/io.confluent/kafka-protobuf-provider/pom.xml

1.106 kafka-protobuf-serializer 5.5.5

1.106.1 Available under license :

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```

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
    xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

```

```

    <modelVersion>4.0.0</modelVersion>

```

```

    <parent>
        <groupId>io.confluent</groupId>
        <artifactId>kafka-schema-registry-parent</artifactId>
        <version>5.5.5</version>
    </parent>

```

```

    <licenses>
        <license>
            <name>Confluent Community License</name>
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            <distribution>repo</distribution>
        </license>
        <license>

```

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

```
<artifactId>kafka-protobuf-serializer</artifactId>
<packaging>jar</packaging>
<name>kafka-protobuf-serializer</name>
```

```
<dependencies>
  <dependency>
    <groupId>org.apache.kafka</groupId>
    <artifactId>kafka_${kafka.scala.version}</artifactId>
    <scope>provided</scope>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-protobuf-provider</artifactId>
  </dependency>
  <dependency>
    <groupId>com.google.protobuf</groupId>
    <artifactId>protobuf-java-util</artifactId>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-serializer</artifactId>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry-client</artifactId>
  </dependency>
  <dependency>
    <groupId>io.confluent</groupId>
    <artifactId>kafka-schema-registry</artifactId>
  </dependency>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>io.confluent</groupId>
  <artifactId>kafka-schema-registry</artifactId>
  <type>test-jar</type>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.apache.kafka</groupId>
  <artifactId>connect-api</artifactId>
  <scope>provided</scope>
```

```

</dependency>
<dependency>
  <groupId>org.apache.kafka</groupId>
  <artifactId>kafka-clients</artifactId>
  <classifier>test</classifier>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.apache.kafka</groupId>
  <artifactId>kafka_${kafka.scala.version}</artifactId>
  <classifier>test</classifier>
  <scope>test</scope>
</dependency>
<dependency>
  <groupId>org.mockito</groupId>
  <artifactId>mockito-core</artifactId>

  <scope>test</scope>
</dependency>
<dependency>
  <groupId>junit</groupId>
  <artifactId>junit</artifactId>
  <scope>test</scope>
</dependency>
</dependencies>

<build>
  <plugins>
    <plugin>
      <groupId>com.github.os72</groupId>
      <artifactId>protoc-jar-maven-plugin</artifactId>
    </plugin>
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-jar-plugin</artifactId>
      <version>2.6</version>
      <executions>
        <execution>
          <goals>
            <goal>test-jar</goal>
          </goals>
          <phase>test-compile</phase>
        </execution>
      </executions>
    </plugin>
  </plugins>
</build>
</project>

```

Found in path(s):

* /kafka-protobuf-serializer-5-5-5-jar/META-INF/maven/io.confluent/kafka-protobuf-serializer/pom.xml

1.107 okhttp 4.11.0

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1.108 musl-obstack 1.2.3-r2

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1.109 tre 0.8.0-r2

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1.110 guice-bridge 2.5.0

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* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/HK2ToGuiceTypeListenerImpl.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/HK2Inject.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceToHk2JITResolver.java
*

/guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceBridge.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceBridgeImpl.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceServiceHk2Bean.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceIntoHK2BridgeImpl.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/internal/GuiceScopeContext.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/HK2IntoGuiceBridge.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceIntoHK2Bridge.java
* /guice-bridge-2-5-0-sources-1-jar/org/jvnet/hk2/guice/bridge/api/GuiceScope.java

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* /guice-bridge-2-5-0-sources-1-jar/pom.xml

1.111 hystrix-codahale-metrics-publisher

1.5.18

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* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisher.java
* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherCollapser.java
* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherCommand.java
*
* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/HystrixCodaHaleMetricsPublisherThreadPool.java
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```

* /hystrix-codahale-metrics-publisher-1-5-18-sources-1-
jar/com/netflix/hystrix/contrib/codahalemetricspublisher/ConfigurableCodaHaleMetricFilter.java

```

1.112 guava 32.0.1-jre

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1.113 leveldb 1.23-r0

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1.114 tika 2.8.0

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[3] <http://www.microsoft.com/interop/osp/>

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[5] <http://www.ecma-international.org/publications/files/ECMA-ST/Ecma%20PATENT/ga-2006-191.pdf>

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SLF4J library (slf4j-api, slf4j-log4j12)

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For
compatibility with Java > 8
org.glassfish.jaxb:jaxb-runtime

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1.115 snake-yaml 2.2

1.115.1 Available under license :

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

```
/*
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 *
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 * in compliance with the License. You may obtain a copy of the License at
 *
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software distributed under the License
 * is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either
```

express

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*/

Found in path(s):

* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/UnicodeEscaper.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/Escaper.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/com/google/gdata/util/common/base/PercentEscaper.java
No license file was found, but licenses were detected in source scan.

/**

* Copyright (c) 2008, SnakeYAML

*

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express

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* the License.

*/

Found in path(s):

* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/Mark.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/Resolver.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/CustomClassLoaderConstructor.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/MarkedYAMLException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/ScannerImpl.java
*

/snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/SafeRepresenter.java

* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/Node.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/SerializerException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/inspector/TagInspector.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/YAMLException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/Event.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/Yaml.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/DocumentEndEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/inspector/UnTrustedTagInspector.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/SequenceStartEvent.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/NumberAnchorGenerator.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/CollectionNode.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/BaseConstructor.java

*
 /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/EmitterState.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceStartToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentEventsCollector.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/ArrayUtils.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/composer/ComposerException.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentType.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/SequenceNode.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/VersionTagsTuple.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/ValueToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/NodeTuple.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/ArrayStack.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/StreamReader.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/composer/Composer.java
 *
 /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/ScalarAnalysis.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/internal/Logger.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingStartToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/NodeEvent.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/ReaderException.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DocumentEndToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/EnumUtils.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/ParserImpl.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/Emitter.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CollectionEndEvent.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/PropertySubstitute.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/Property.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/ScalarNode.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/TagTuple.java
 *
 /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/Serializer.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/SafeConstructor.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/StreamStartEvent.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/BaseRepresenter.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockEntryToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/CommentToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/StreamEndToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/SequenceEndEvent.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/ScannerException.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/Emitable.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/AliasEvent.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DirectiveToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/DocumentStartEvent.java
 *
 /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CollectionStartEvent.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/AliasToken.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/emitter/EmitterException.java
 * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/env/EnvScalarConstructor.java

- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/GenericProperty.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/AnchorToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/PlatformFeatureDetector.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/NodeId.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/DocumentStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockMappingStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/BeanAccess.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/StreamStartToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/Production.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/ParserException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/AnchorNode.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowSequenceEndToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/Constant.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/Scanner.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/ScalarToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/comments/CommentLine.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/CommentEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/Construct.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/ImplicitTuple.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/ScalarEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/error/MissingEnvironmentVariableException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/Represent.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/Tag.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/StreamEndEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/PackageCompactConstructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/AbstractConstruct.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/Constructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/PropertyUtils.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/DumperOptions.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/MissingProperty.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/nodes/MappingNode.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowEntryToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/TagToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/parser/Parser.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/MappingEndEvent.java
- *
- /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/ConstructorException.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactConstructor.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/extensions/compactnotation/CompactData.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/reader/UnicodeReader.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/representer/Representer.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/util/UriEncoder.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/KeyToken.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/events/MappingStartEvent.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/TypeDescription.java
- * /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/LoaderOptions.java

```
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/MethodProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/resolver/ResolverTuple.java
*
/sakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/BlockSequenceStartToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/serializer/AnchorGenerator.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/introspector/FieldProperty.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/FlowMappingEndToken.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/tokens/Token.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/constructor/DuplicateKeyException.java
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/scanner/SimpleKey.java
No license file was found, but licenses were detected in source scan.
```

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

```
Found in path(s):
* /snakeyaml-2-2-sources-jar/META-INF/maven/org.yaml/snakeyaml/pom.xml
No license file was found, but licenses were detected in source scan.
```

```
// This module is multi-licensed and may be used under the terms
// EPL, Eclipse Public License, V1.0 or later, http://www.eclipse.org/legal
// LGPL, GNU Lesser General Public License, V2.1 or later, http://www.gnu.org/licenses/lgpl.html
// GPL, GNU General Public License, V2 or later, http://www.gnu.org/licenses/gpl.html
// AL, Apache License, V2.0 or later, http://www.apache.org/licenses
// BSD, BSD License, http://www.opensource.org/licenses/bsd-license.php
/**
 * A Base64 encoder/decoder.
 *
 * <p>
 * This class is used to encode and decode data in Base64 format as described in RFC 1521.
 *
 * <p>
 * Project home page: <a href="http://www.source-code.biz/base64coder/java/">www.
 * source-code.biz/base64coder/java</a><br>
 * Author: Christian d'Heureuse, Inventec Informatik AG, Zurich, Switzerland<br>
 * Multi-licensed: EPL / LGPL / GPL / AL / BSD.
 */
```

```
Found in path(s):
* /snakeyaml-2-2-sources-jar/org/yaml/snakeyaml/external/biz/base64Coder/Base64Coder.java
```

1.116 free-type 2.13.2

1.116.1 Available under license :

```
# Files that don't get a copyright, or which are taken from elsewhere.
#
# All lines in this file are patterns (relative to the top-level directory),
# including the comment lines; this means that e.g. `FTL.TXT' matches all
# files that have this string in the file name (including the path relative
# to the current directory, always starting with `./').
#
# Don't put empty lines into this file!
#
builds/unix/pkg.m4
#
docs/FTL.TXT
docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
src/base/md5.c
src/base/md5.h
#
src/bdf/bdf.c
src/bdf/bdf.h
src/bdf/bdfdrivr.c
src/bdf/bdfdrivr.h
src/bdf/bdferror.h
src/bdf/bdflib.c
src/bdf/module.mk
src/bdf/README
src/bdf/rules.mk
#
src/pcf/module.mk
src/pcf/pcf.c
src/pcf/pcf.h
src/pcf/pcfdrivr.c
src/pcf/pcfdrivr.h
src/pcf/pcferror.h
src/pcf/pcfread.c
src/pcf/pcfread.h
src/pcf/pcfutil.c
src/pcf/pcfutil.h
src/pcf/README
src/pcf/rules.mk
#
src/gzip/adler32.c
src/gzip/ftzconf.c
src/gzip/infblock.c
src/gzip/infblock.h
```

src/gzip/infcodes.c
src/gzip/infcodes.h
src/gzip/inffixed.h
src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
src/gzip/zconf.h
src/gzip/zlib.h
src/gzip/zutil.c
src/gzip/zutil.h

src/tools/apinames.c
src/tools/ftrandom/ftrandom.c

subprojects/dlg

EOF

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2006-Jan-27

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=====

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""""

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o freetype-devel@nongnu.org

Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

<https://www.freetype.org>

--- end of FTL.TXT ---

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Version 2, June 1991

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1.119 animal-sniffer-annotation 1.23

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1.120 httpcomponents-client 4.5.14

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1.121 okio 3.6.0

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Found in path(s):

```
* /okio-3-6-0-sources-jar/commonMain/okio/Base64.kt
```

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* /okio-3-6-0-sources-jar/commonMain/okio/PeekSource.kt
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Found in path(s):

- * /okio-3-6-0-sources-jar/commonMain/okio/Okio.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/Timeout.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/RealBufferedSink.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/Buffer.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/BufferedSink.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/Timeout.kt
- *
- /okio-3-6-0-sources-jar/commonMain/okio/Buffer.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/BufferedSink.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/Sink.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/BufferedSource.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/internal/Buffer.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/RealBufferedSource.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/Sink.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/Source.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/BufferedSource.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/RealBufferedSink.kt

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- * /okio-3-6-0-sources-jar/commonMain/okio/Options.kt

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```

Found in path(s):

```
* /okio-3-6-0-sources-jar/commonMain/okio/internal/-Utf8.kt
* /okio-3-6-0-sources-jar/nonAppleMain/okio/ByteString.kt
* /okio-3-6-0-sources-jar/commonMain/okio/Util.kt
* /okio-3-6-0-sources-jar/commonMain/okio/CommonPlatform.kt
* /okio-3-6-0-sources-jar/commonMain/okio/internal/ByteString.kt
* /okio-3-6-0-sources-jar/nonJvmMain/okio/NonJvmPlatform.kt
*
* /okio-3-6-0-sources-jar/commonMain/okio/ByteString.kt
* /okio-3-6-0-sources-jar/appleMain/okio/ByteString.kt
```

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```

Found in path(s):

```
* /okio-3-6-0-sources-jar/commonMain/okio/internal/RealBufferedSource.kt
```

* /okio-3-6-0-sources-jar/commonMain/okio/internal/SegmentedByteString.kt

* /okio-3-6-0-sources-jar/commonMain/okio/internal/RealBufferedSink.kt

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* /okio-3-6-0-sources-jar/nonJvmMain/okio/RealBufferedSource.kt

* /okio-3-6-0-sources-jar/commonMain/okio/Segment.kt

* /okio-3-6-0-sources-jar/commonMain/okio/SegmentPool.kt

* /okio-3-6-0-sources-jar/commonMain/okio/ForwardingSource.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/SegmentPool.kt

* /okio-3-6-0-sources-jar/nonJvmMain/okio/ForwardingSource.kt

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* /okio-3-6-0-sources-jar/appleMain/okio/SegmentedByteString.kt

* /okio-3-6-0-sources-jar/nonAppleMain/okio/SegmentedByteString.kt

* /okio-3-6-0-sources-jar/commonMain/okio/SegmentedByteString.kt

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* /okio-3-6-0-sources-jar/nativeMain/okio/Cinterop.kt

* /okio-3-6-0-sources-jar/unixMain/okio/UnixPosixVariant.kt

* /okio-3-6-0-sources-jar/commonMain/okio/internal/Path.kt

* /okio-3-6-0-sources-jar/linuxMain/okio/LinuxPosixVariant.kt

* /okio-3-6-0-sources-jar/nativeMain/okio/PosixFileSystem.kt

* /okio-3-6-0-sources-jar/hashFunctions/okio/internal/Hmac.kt

*

- /okio-3-6-0-sources-jar/nativeMain/okio/PosixVariant.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/HashingSource.kt
- * /okio-3-6-0-sources-jar/nativeMain/okio/FileSource.kt
- * /okio-3-6-0-sources-jar/appleMain/okio/ApplePosixVariant.kt
- * /okio-3-6-0-sources-jar/nativeMain/okio/FileSink.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/FileSystem.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/HashingSink.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/FileMetadata.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/Path.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/HashingSink.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/ForwardingFileSystem.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/ExperimentalFileSystem.kt
- * /okio-3-6-0-sources-jar/nonJvmMain/okio/HashingSource.kt
- * /okio-3-6-0-sources-jar/commonMain/okio/Path.kt

1.122 libcxxabi 1.1.10.5

1.122.1 Available under license :

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Manifest-Version: 1.0

Bnd-LastModified: 1695799258578

Bundle-ActivationPolicy: lazy

Bundle-Activator: org.xerial.snappy.SnappyBundleActivator

Bundle-Description: snappy-java: A fast compression/decompression library

Bundle-DocURL: <http://www.xerial.org/>

Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>

Bundle-ManifestVersion: 2

Bundle-Name: snappy-java: A fast compression/decompression library

Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xerial/snappy/native/Windows/x86/snappyjava.dll;osname=win32;processor=x86,org/xerial/snappy/native/Mac/x86/libsnappyjava.jnilib;osname=macosx;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dylib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Mac/aarch64/libsnappyjava.dylib;osname=macosx;processor=aarch64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsnappyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/snappy/native/Linux/riscv64/libsnappyjava.so;osname=linux;processor=riscv64,org/xerial/snappy/native/Linux/arm/libsnappyjava.so;osname=linux

x;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so
;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/l
ibsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/nati
ve/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xeri
al/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org
/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=
ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=suno
s;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.s
o;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/
libsnappyjava.so;osname=sunos;processor=sparc

Bundle-SymbolicName: org.xerial.snappy.snappy-java

Bundle-Vendor: xerial.org

Bundle-Version: 1.1.10.5

Created-By: 11.0.20 (Azul Systems, Inc.)

Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial
.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.sn
appy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"

Implementation-Title: snappy-java

Implementation-URL: <https://github.com/xerial/snappy-java>

Implementation-Vendor: xerial.org

Implementation-Vendor-Id: org.xerial.snappy

Implementation-Version: 1.1.10.5

Import-Package: org.osgi.framework;version="[1.5,2)"

Private-Package:

org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.na
tive.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna
ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch
64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.nativ
e.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.na
tive.Linux.armv7,org.xerial.snappy.native.Linux.ppc,org.xerial.snappy
.native.Linux.ppc64,org.xerial.snappy.native.Linux.ppc64le,org.xerial
.snappy.native.Linux.riscv64,org.xerial.snappy.native.Linux.s390x,org
.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64
,org.xerial.snappy.native.Mac.aarch64,org.xerial.snappy.native.Mac.x8
6,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xe
rial.snappy.native.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org
.xerial.snappy.native.SunOS.x86_64,org.xerial.snappy.native.Windows.a
arch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.
Windows.x86_64

Require-Capability:

osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Specification-Title: snappy-java

Specification-Vendor: xerial.org

Specification-Version: 1.1.10.5

Tool: Bnd-5.1.2.202007211702

Found in path(s):

* /snappy-java-1-1-10-5-jar/META-INF/MANIFEST.MF

1.123 guava 32.1.3-jre

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1.124 okhttp 4.12.0

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1.125 jersey-client 2.41

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Source Code

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- * <https://github.com/eclipse-ee4j/jersey>

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1.127 snappy-java 1.1.10.5

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Manifest-Version: 1.0

Bnd-LastModified: 1695799258578

Bundle-ActivationPolicy: lazy

Bundle-Activator: org.xerial.snappy.SnappyBundleActivator
Bundle-Description: snappy-java: A fast compression/decompression library
Bundle-DocURL: <http://www.xerial.org/>
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>
Bundle-ManifestVersion: 2
Bundle-Name: snappy-java: A fast compression/decompression library
Bundle-NativeCode: org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x86-64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=x64,org/xerial/snappy/native/Windows/x86_64/snappyjava.dll;osname=win32;processor=amd64,org/xerial/snappy/native/Windows/x86/snappyjava.dll;osname=win32;processor=x86,org/xerial/snappy/native/Mac/x86/libsnappyjava.jnilib;osname=macosx;processor=x86,org/xerial/snappy/native/Mac/x86_64/libsnappyjava.dylib;osname=macosx;processor=x86-64,org/xerial/snappy/native/Mac/aarch64/libsnappyjava.dylib;osname=macosx;processor=aarch64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x86-64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=x64,org/xerial/snappy/native/Linux/x86_64/libsnappyjava.so;osname=linux;processor=amd64,org/xerial/snappy/native/Linux/x86/libsnappyjava.so;osname=linux;processor=x86,org/xerial/snappy/native/Linux/aarch64/libsnappyjava.so;osname=linux;processor=aarch64,org/xerial/snappy/native/Linux/riscv64/libsnappyjava.so;osname=linux;processor=riscv64,org/xerial/snappy/native/Linux/arm/libsnappyjava.so;osname=linux;processor=arm,org/xerial/snappy/native/Linux/armv7/libsnappyjava.so;osname=linux;processor=arm_le,org/xerial/snappy/native/Linux/ppc64/libsnappyjava.so;osname=linux;processor=ppc64le,org/xerial/snappy/native/Linux/s390x/libsnappyjava.so;osname=linux;processor=s390x,org/xerial/snappy/native/AIX/ppc/libsnappyjava.a;osname=aix;processor=ppc,org/xerial/snappy/native/AIX/ppc64/libsnappyjava.a;osname=aix;processor=ppc64,org/xerial/snappy/native/SunOS/x86/libsnappyjava.so;osname=sunos;processor=x86,org/xerial/snappy/native/SunOS/x86_64/libsnappyjava.so;osname=sunos;processor=x86-64,org/xerial/snappy/native/SunOS/sparc/libsnappyjava.so;osname=sunos;processor=sparc
Bundle-SymbolicName: org.xerial.snappy.snappy-java
Bundle-Vendor: xerial.org
Bundle-Version: 1.1.10.5
Created-By: 11.0.20 (Azul Systems, Inc.)
Export-Package: org.xerial.snappy;uses:="org.osgi.framework,org.xerial.snappy.buffer,org.xerial.snappy.pool";version="1.1.10",org.xerial.snappy.buffer;version="1.1.10",org.xerial.snappy.pool;version="1.1.10"
Implementation-Title: snappy-java
Implementation-URL: <https://github.com/xerial/snappy-java>
Implementation-Vendor: xerial.org
Implementation-Vendor-Id: org.xerial.snappy
Implementation-Version: 1.1.10.5
Import-Package: org.osgi.framework;version="[1.5,2)"
Private-Package:

org.xerial.snappy.native.AIX.ppc,org.xerial.snappy.na
tive.AIX.ppc64,org.xerial.snappy.native.FreeBSD.x86_64,org.xerial.sna
ppy.native.Linux.aarch64,org.xerial.snappy.native.Linux.android-aarch
64,org.xerial.snappy.native.Linux.android-arm,org.xerial.snappy.nativ
e.Linux.arm,org.xerial.snappy.native.Linux.armv6,org.xerial.snappy.na
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.snappy.native.Linux.riscv64,org.xerial.snappy.native.Linux.s390x,org
.xerial.snappy.native.Linux.x86,org.xerial.snappy.native.Linux.x86_64
,org.xerial.snappy.native.Mac.aarch64,org.xerial.snappy.native.Mac.x8
6,org.xerial.snappy.native.Mac.x86_64,org.xerial.snappy.native,org.xe
rial.snappy.native.SunOS.sparc,org.xerial.snappy.native.SunOS.x86,org
.xerial.snappy.native.SunOS.x86_64,org.xerial.snappy.native.Windows.a
arch64,org.xerial.snappy.native.Windows.x86,org.xerial.snappy.native.
Windows.x86_64

Require-Capability:

osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"

Specification-Title: snappy-java

Specification-Vendor: xerial.org

Specification-Version: 1.1.10.5

Tool: Bnd-5.1.2.202007211702

Found in path(s):

* /snappy-java-1-1-10-5-1-jar/META-INF/MANIFEST.MF

1.128 netty-transport-native-epoll

4.1.100.Final

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* /netty-transport-native-epoll-4-1-100-final-sources-1-jar/netty_epoll_linuxsocket.h

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* /netty-transport-native-epoll-4-1-100-final-sources-1-jar/META-INF/maven/io.netty/netty-transport-native-epoll/pom.xml

1.129 jersey-common 2.41

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1.130 commons-lang3 3.14.0

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1.131 bcpkix-fips 2.0.6

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```
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 * Base constructor.
 * <p>
 * The authorizer attempts to perform matching (including the use of the wildcard) in accordance with RFC 6125.
 * </p>
 * <p>
 * Known suffixes is a list of public domain suffixes that can't be used as wild cards for
 * example *.com, or c*c.com, as a dns wildcard could match every/most .com domains if a registrar were issue it.
 * If *.com is in the known suffixes list will not be allowed to match.
 * </p>
 *
 * @param knownSuffixes a set of suffixes that cannot be wild-carded, e.g. { ".com", ".net", ".org" }
 */
```

Found in path(s):

* /bcpkix-fips-2-0-6-sources-jar/org/bouncycastle/est/jcajce/JsseDefaultHostnameAuthorizer.java

1.132 Icms 2.16

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1.133 gcompat 1.1.0-r4

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1.134 zt 1.16

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* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/AsiExtraField.java
*
/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ZipShort.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ZipExtraField.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/ExtraFieldUtils.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/extra/UnrecognizedExtraField.java
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* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/Zips.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/timestamps/Java8TimestampStrategy.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/timestamps/PreJava8TimestampStrategy.java
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* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/IdentityNameMapper.java
* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/FileSource.java
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* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/commons/StringBuilderWriter.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/commons/FilenameUtils.java

*

/zt-zip-1-16-sources-jar/org/zeroturnaround/zip/commons/FileUtilsV2_2.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/commons/FileExistsException.java

* /zt-zip-1-16-sources-jar/org/zeroturnaround/zip/commons/IOUtils.java

1.135 mysql-jdbc 8.3.0

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Version 3, 29 June 2007

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1.147 jackson-databind 2.17.1

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Jackson JSON processor

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1.148 j2objc-annotations 3.0.0

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Maven project to build and deploy J2ObjC annotations.

-->

Found in path(s):

* /j2objc-annotations-3-0-0-jar/META-INF/maven/com.google.j2objc/j2objc-annotations/pom.xml

1.149 failureaccess 1.0.2

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Found in path(s):

* /failureaccess-1-0-2-sources-1-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java

* /failureaccess-1-0-2-sources-1-jar/com/google/common/util/concurrent/internal/InternalFutures.java

1.150 jackson-annotations 2.17.1

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1.151 jsqlparser 4.9

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```

Found

in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/RollbackStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonAggregateUniqueKeysType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ConnectByRootOperator.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonAggregateOnNullType.java
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* #L%
*/

```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonFunctionType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ResetStatementValidator.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/SpannerInterleaveIn.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/IfElseStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonFunctionExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/SavepointStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/PurgeObjectType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/RenameTableStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonKeyValuePair.java

```

```

*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/RowGetExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/ParserKeywordsUtils.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/update/UpdateSet.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/UnsupportedStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ArrayConstructor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSession.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSystemStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSystemOperation.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/PurgeStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/OracleNamedFunctionParameter.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/conditional/XorExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterSessionOperation.java
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* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/refresh/RefreshMode.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/MySqlSqlCacheFlags.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/ConflictActionType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/GeometryDistance.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/InsertConflictAction.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/OverlapsCondition.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/InsertConflictTarget.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/WindowDefinition.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/AnalyzeValidator.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/OutputClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/analyze/Analyze.java
No license file was found, but licenses were detected in source scan.

```

```

/*_
* #L%
* JSQLParser library
* %%
* Copyright (C) 2004 - 2020 JSQLParser
* %%
* Dual licensed under GNU LGPL 2.1 or Apache License 2.0
* #L%

```

*/

Found in path(s):

- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/H2Version.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/Model.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/AbstractValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/ReferentialAction.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/grant/Grant.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/feature/ModifyableFeatureSet.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ValidationException.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/alter/sequence/AlterSequence.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ValidationUtil.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/GrantValidator.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/CreateSynonymDeparser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/FeatureContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/schema/Synonym.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/feature/FeatureSet.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/AlterSequenceDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/Validator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/Version.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ParseContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/AbstractDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/MariaDbVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/OracleVersion.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/statement/CreateFunctionalStatement.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/DatabaseMetaDataValidation.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/Named.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/DatabaseException.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/AlterSessionValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/RowMovementMode.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/JdbcDatabaseMetaDataCapability.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/GrantDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/AlterSequenceValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/NamesLookup.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/ShowTablesStatementDeparser.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/SqlServerVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/PostgresqlVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/SQLVersion.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/metadata/MetadataContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/RowMovement.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/allowedtypes/AllowedTypesValidation.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/UnexpectedValidationException.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/OrderByValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/ValidationContext.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/feature/MySQLVersion.java

```

*
/datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/ContextKey.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/Validation.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/metadata/NamedObject.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/feature/DatabaseType.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/ParseException.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/show/ShowTablesStatement.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/allowedtypes/AllowedTypesContext.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/parser/feature/FeatureConfiguration.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/parser/AbstractJSqlParser.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/ValidationError.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/feature/FeatureSetValidation.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/feature/FeaturesAllowed.java
*
/datepicker-4-9-sources-jar/net/sf/datepicker/statement/create/function/CreateFunction.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/ValidationCapability.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/metadata/AbstractDatabaseMetaDataCapability.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/util/validation/ParseCapability.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/create/procedure/CreateProcedure.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/parser/feature/Feature.java
* /datepicker-4-9-sources-jar/net/sf/datepicker/statement/create/synonym/CreateSynonym.java
No license file was found, but licenses were detected in source scan.

```

```

<!--
#%L
JSqlParser library
%%
Copyright (C) 2004 - 2023 JSqlParser
%%
Dual licensed under GNU LGPL 2.1 or Apache License 2.0
#L%
-->

```

Found in path(s):

```
* /datepicker-4-9-sources-jar/rr/xhtml2rst.xsl
```

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

```

/*-
* #%L
* JSqlParser library
* %%
* Copyright (C) 2004 - 2024 JSqlParser
* %%
* Dual licensed under GNU LGPL 2.1 or Apache License 2.0
* #L%
*/

```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParser.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeDelete.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserVisitor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/Node.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/ParseException.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeOperationVisitor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/MergeDeParser.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/JJTCCJSqlParserState.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/StreamProvider.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserTreeConstants.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/StringProvider.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/SimpleNode.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/Token.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserDefaultVisitor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeOperationVisitorAdapter.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeOperation.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/TokenMgrException.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/Provider.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserConstants.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserTokenManager.java
No license file was found, but licenses were detected in source scan.

```

```

/* -
 * #L%
 * JSQLParser library
 * %%
 * Copyright (C) 2004 - 2019 JSQLParser
 * %%
 * Dual licensed under GNU LGPL 2.1 or Apache License 2.0
 * #L%
 */

```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/NextValExpression.java
No license file was found, but licenses were detected in source scan.

```

```

/*
 * #L%
 * JSQLParser library
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 * %%
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 * #L%
 */

```

Found in path(s):

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateSequenceValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/sequence/CreateSequence.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateSynonymValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsar/CreateSequenceDeParser.java

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

```
/*-
 * #%L
 * JSQLParser library
 * %%
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 * Dual licensed under GNU LGPL 2.1 or Apache License 2.0
 * #L%
 */
```

Found in path(s):

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/MultiPartName.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/UpdateValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/conditional/OrExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/DescribeStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/DropValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/NumericBind.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/RowConstructor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ResetStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/IntegerDivision.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/First.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/OrderByVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/update/UpdateModifierPriority.java
- * /jsqlparser-4-9-sources-
- jar/net/sf/jsqlparser/util/validation/validator/RefreshMaterializedViewStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/EqualsTo.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/Commit.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/delete/DeleteModifierPriority.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/FromItem.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SelectItemVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SetOperationList.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/FromItemVisitorAdapter.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/AlterViewValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsar/LimitDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/TableStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/UserVariable.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsar/DeleteDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/comment/Comment.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/UpsertValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/MergeInsert.java

- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/KSQLJoinWindow.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/update/Update.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/ExecuteDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/WithItem.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/ColumnDefinition.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/OracleHint.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/AnalyticExpression.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/Statement.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/StatementVisitorAdapter.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/DropDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/ExcludeConstraint.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/TSQLLeftJoin.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/JsonFunction.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/truncate/Truncate.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/StatementVisitor.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/WindowElement.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/statement/insert/Insert.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/MinorThanEquals.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/LongValue.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/alter/Alter.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/SQLServerHints.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/schema/Column.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/ExpressionVisitor.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/InsertValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/MySQLIndexHint.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/AllTableColumns.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/UpsertDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/OrderByClause.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/ExpressionList.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/Modulo.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/WindowRange.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/TSQLRightJoin.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/SelectDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/ShowTablesStatementValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/AlterViewDeParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/AlterValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/SetStatementValidator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/ComparisonOperator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/InExpression.java
- *
- /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/JsonOperator.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/OldOracleJoinBinaryExpression.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/ASTNodeAccess.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/parser/JSqlParser.java
- * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/CheckConstraint.java

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/GreaterThan.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/LateralSubSelect.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/Sequence.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/IntersectOp.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateTableValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/TableStatement.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/TemporaryOption.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/WindowOffset.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/SupportsOldOracleJoinSyntax.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/DeclareStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/MinorThan.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Limit.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/CreateView.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/DeclareStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/TableStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/SimilarToExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/MinusOp.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/NotEqualsTo.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Fetch.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ReplaceValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/Parenthesis.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/PivotVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/LimitValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/XMLSerializeExpr.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JsonAggregateFunction.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/UnionOp.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/MergeValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/Multiplication.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/SignedExpression.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/Database.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/Index.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/IntervalExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/JSQlParserException.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateIndexValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Join.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/Concat.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/DoubleValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/StatementListener.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserUtil.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/IsDistinctExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/MySQLGroupConcat.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/GreaterThanEquals.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/BaseToken.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/ColDataType.java

- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ParenthesedFromItem.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/AlterDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/CreateViewDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/IntoTableVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/CreateViewValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/DeleteValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ShowStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/SetStatement.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/UpdateDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/ShowColumnsStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/SelectValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TimeValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/ExpressionDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/SetStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/OptimizeFor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/ASTNodeAccessImpl.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/ConstraintState.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/PivotXml.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/OracleHierarchicalExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/CCJSqlParserManager.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/upsert/Upsert.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/StringValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/CreateIndexDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/DeclareType.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/DateTimeLiteralExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/KSQLWindow.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/TablesNamesFinder.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterOperation.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/DeclareStatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/FromItemVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/CastExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/Table.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/ValidateConstraint.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/NullValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/WithIsolation.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/UseStatement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/schema/CreateSchema.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SelectItem.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/merge/Merge.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/CaseExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/Alias.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/Division.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/Between.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/AlterExpression.java
- *

/jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/SelectVisitorAdapter.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/JsonExpression.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/ShowStatementDeParser.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/ExecuteValidator.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/GroupByValidator.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/RefreshMaterializedViewStatementDeParser.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/AnyComparisonExpression.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/refresh/RefreshMaterializedViewStatement.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/BitwiseLeftShift.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/UnPivot.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/ValuesStatementValidator.java
 *
 /jsparser-4-9-sources-jar/net/sf/jsparser/statement/merge/MergeUpdate.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/WhenClause.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/ShowColumnsStatementValidator.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/LikeExpression.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/ShowStatement.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/RegExpMatchOperator.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/OrderByDeParser.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/NamedConstraint.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/Addition.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/IntoTableVisitorAdapter.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/validation/validator/ShowIndexStatementValidator.java
 *
 /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/Subtraction.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/DateValue.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/FilterOverImpl.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/GroupByElement.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/VariableAssignment.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/AnyType.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/cnfexpression/MultipleExpression.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/index/CreateIndex.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/GroupByVisitor.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/FullTextSearch.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/delete/Delete.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/cnfexpression/CNFConverter.java
 *
 /jsparser-4-9-sources-jar/net/sf/jsparser/expression/Function.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/util/depaser/ValuesStatementDeParser.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/BitwiseXor.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/AllColumns.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/BitwiseAnd.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/AnalyticType.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/relational/IsBooleanExpression.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/BinaryExpression.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/select/OrderByVisitor.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/expression/operators/arithmetic/BitwiseRightShift.java
 * /jsparser-4-9-sources-jar/net/sf/jsparser/statement/create/table/CreateTable.java

- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/cnfexpression/MultiAndExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/CreateTableDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/conditional/AndExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TimeKeyExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Offset.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Pivot.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ExtractExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/NotExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/CollateExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/Statements.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/AlterView.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ShowColumnsStatement.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SelectVisitor.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/schema/Server.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/DeferrableConstraint.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/arithmetic/BitwiseOr.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/ResetStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/SelectUtils.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/insert/InsertModifierPriority.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/Matches.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/ExpressionValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/StatementValidator.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/UseStatementDeParser.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/alter/EnableConstraint.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/HexValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JdbcParameter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Skip.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/OrderByElement.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/ShowIndexStatementDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/AllValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/NamedExpressionList.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/PivotVisitorAdapter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/JdbcNamedParameter.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TimestampValue.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/cnfexpression/MultiOrExpression.java
- *
- /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/RegExpMatchOperatorType.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Select.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/ExpressionListDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ExceptOp.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/ForceOption.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/depaser/GroupByDeParser.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/TableFunction.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/ExistsExpression.java
- * /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Top.java

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* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/IsNullExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SetOperation.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/AddAliasesVisitor.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/PlainSelect.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ArrayExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/view/AutoRefreshOption.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/cnfexpression/CloneHelper.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/AlterSessionDeParser.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/InsertDeParser.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/PartitionByClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/KeepExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SelectItemVisitor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/validation/validator/UseStatementValidator.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TimezoneExpression.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/Block.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Distinct.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/parser/SimpleCharStream.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/ConnectExpressionsVisitor.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/drop/Drop.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/create/table/ForeignKeyIndex.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/Expression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/ExpressionVisitorAdapter.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/execute/Execute.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Values.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ExplainStatement.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/Wait.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/deparsed/StatementDeParser.java
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```

```

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 * JSQlParser library
 * %%
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 * %%
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 * #L%
 */

```

Found in path(s):

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TranscodingFunction.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ForClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ParenthesedSelect.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/DoubleAnd.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/ParenthesedExpressionList.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/SampleClause.java

```

```

* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/LateralView.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/ContainedBy.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/MemberOfExpression.java
*
/jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/upsert/UpsertType.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/JoinHint.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/operators/relational/Contains.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/ReturningClause.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/TrimFunction.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/expression/RangeExpression.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/select/ForMode.java
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/util/PerformanceTest.java
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```

```

Found in path(s):
* /jsqlparser-4-9-sources-jar/META-INF/maven/com.github.jsqlparser/jsqlparser/pom.xml
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```

```

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 * #L%
 */

```

```

Found in path(s):
* /jsqlparser-4-9-sources-jar/net/sf/jsqlparser/statement/show/ShowIndexStatement.java

```

1.152 jsr305 3.0.2

1.152.1 Available under license :

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Found in path(s):

- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/Immutable.java
- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/GuardedBy.java
- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/NotThreadSafe.java
- * /jsr305-3-0-2-sources-12-jar/javax/annotation/concurrent/ThreadSafe.java

1.153 gson 2.11.0

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- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/util/ISO8601Utils.java

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- * /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonScope.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/stream/MalformedJsonException.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonReader.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonToken.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/stream/JsonWriter.java

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- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/reflect/ReflectionHelper.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/ToNumberPolicy.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/ToNumberStrategy.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/stream/package-info.java

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* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/TypeAdapterRuntimeTypeWrapper.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/ArrayTypeAdapter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/JsonReaderInternalAccess.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/MapTypeAdapterFactory.java

*

/gson-2-11-0-sources-1-jar/com/google/gson/TypeAdapterFactory.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/CollectionTypeAdapterFactory.java

* /gson-2-11-0-sources-1-jar/com/google/gson/TypeAdapter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/ReflectiveTypeAdapterFactory.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/ObjectTypeAdapter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/TypeAdapters.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/JsonTreeWriter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/JsonTreeReader.java

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* /gson-2-11-0-sources-1-jar/com/google/gson/ReflectionAccessFilter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/FormattingStyle.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/ReflectionAccessFilterHelper.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/SerializationDelegatingTypeAdapter.java

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* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/JsonAdapterAnnotationTypeAdapterFactory.java

* /gson-2-11-0-sources-1-jar/com/google/gson/annotations/JsonAdapter.java

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* /gson-2-11-0-sources-1-jar/com/google/gson/internal/PreJava9DateFormatProvider.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/JavaVersion.java

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* /gson-2-11-0-sources-1-jar/com/google/gson/internal/sql/SqlTypesSupport.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/NumberTypeAdapter.java

* /gson-2-11-0-sources-1-jar/com/google/gson/internal/sql/SqlTimestampTypeAdapter.java

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```

* /gson-2-11-0-sources-1-jar/module-info.java
* /gson-2-11-0-sources-1-jar/com/google/gson/internal/NonNullElementWrapperList.java
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- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/LazilyParsedNumber.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/package-info.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/ConstructorConstructor.java
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 - /gson-2-11-0-sources-1-jar/com/google/gson/internal/UnsafeAllocator.java
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- * /gson-2-11-0-sources-1-jar/com/google/gson/JsonParser.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/JsonStreamParser.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/FieldAttributes.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/LongSerializationPolicy.java

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 * /gson-2-11-0-sources-1-jar/com/google/gson/annotations/Until.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonDeserializer.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/annotations/Since.java
 *
 /gson-2-11-0-sources-1-jar/com/google/gson/JsonDeserializationContext.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonParseException.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/annotations/Expose.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/internal/\$Gson\$Types.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/reflect/package-info.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/Gson.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonObject.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonSerializationContext.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/internal/Excluder.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonPrimitive.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonNull.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/FieldNamingPolicy.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonElement.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonSerializer.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/annotations/SerializedName.java
 *
 /gson-2-11-0-sources-1-jar/com/google/gson/package-info.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/InstanceCreator.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/ExclusionStrategy.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/internal/ObjectConstructor.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonIOException.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/FieldNamingStrategy.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/internal/\$Gson\$Preconditions.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/JsonArray.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/internal/Primitives.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/reflect/TypeToken.java
 * /gson-2-11-0-sources-1-jar/com/google/gson/GsonBuilder.java
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- * /gson-2-11-0-sources-1-jar/com/google/gson/internal/Streams.java
- * /gson-2-11-0-sources-1-jar/com/google/gson/JsonSyntaxException.java

1.154 disruptor 2.11.2.3

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* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Tag.java
* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/Link.java
* /perfmark-api-0-17-0-sources-3-jar/io/perfmark/package-info.java
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1.156 jaxb-runtime 4.0.5

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1.159 alpine-keys 2.5-r0

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1.160 rocksdb 1.2.1

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* /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ConditionAndOrN.java
* /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcConnection.java
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* /h2-2-2-224-sources-4-jar/org/h2/value/ExtTypeInfo.java

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* /h2-2-2-224-sources-4-jar/org/h2/expression/function/NamedExpression.java

* /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcStatementBackwardsCompat.java

* /h2-2-2-224-sources-4-jar/org/h2/tools/Script.java

* /h2-2-2-224-sources-4-jar/org/h2/command/query/SelectUnion.java

* /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/VersionedValueCommitted.java

* /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterDomainAddConstraint.java

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/h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSavepoint.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/DBObjectFunction.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/Function1_2.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/BinaryOperation.java
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 * /h2-2-2-224-sources-4-jar/org/h2/util/OsgiDataSourceFactory.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/Tokenizer.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CryptFunction.java
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 * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/PartitionData.java
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 /h2-2-2-224-sources-4-jar/org/h2/command/dml/ExecuteProcedure.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropTable.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/SchemaCommand.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CurrentDateTimeValueFunction.java
 * /h2-2-2-224-sources-4-jar/org/h2/server/ShutdownHandler.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/dml/AlterTableSet.java
 * /h2-2-2-224-sources-4-jar/org/h2/value/lob/LobDataInMemory.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/dml/Delete.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/TypePredicate.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataEnvelope.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/DateTimeFunction.java
 * /h2-2-2-224-sources-4-jar/org/h2/store/fs/nio mapped/FilePathNioMapped.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/ValueDataType.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLTimeoutException.java
 * /h2-2-2-224-sources-4-jar/org/h2/store/FileStoreInputStream.java
 *

/h2-2-2-224-sources-4-jar/org/h2/schema/Constant.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/SoftValuesHashMap.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/Window.java
 * /h2-2-2-224-sources-4-jar/org/h2/result/ResultWithPaddedStrings.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcCallableStatement.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateSequence.java
 * /h2-2-2-224-sources-4-jar/org/h2/index/MetaIndex.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropAggregate.java
 * /h2-2-2-224-sources-4-jar/org/h2/server/TcpServer.java
 * /h2-2-2-224-sources-4-jar/org/h2/value/ValueRow.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/TransactionMap.java
 * /h2-2-2-224-sources-4-jar/org/h2/value/ValueBigDecimalBase.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CSVWriteFunction.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/Utils21.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/meta/DatabaseMetaLocal.java
 *
 /h2-2-2-224-sources-4-jar/org/h2/value/ExtTypeInfoNumeric.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLXML.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/CompareLike.java
 * /h2-2-2-224-sources-4-jar/org/h2/table/DualTable.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcStatement.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AbstractAggregate.java
 * /h2-2-2-224-sources-4-jar/org/h2/store/RecoverTester.java
 * /h2-2-2-224-sources-4-jar/org/h2/engine/Procedure.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/DayMonthNameFunction.java
 * /h2-2-2-224-sources-4-jar/org/h2/store/fs/FilePath.java
 * /h2-2-2-224-sources-4-jar/org/h2/value/Value.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateView.java
 * /h2-2-2-224-sources-4-jar/org/h2/table/DerivedTable.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterSequence.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/NetUtils.java
 * /h2-2-2-224-sources-4-jar/org/h2/index/RangeIndex.java
 *
 /h2-2-2-224-sources-4-jar/org/h2/store/fs/mem/FilePathMemLZF.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterDomainDropConstraint.java
 * /h2-2-2-224-sources-4-jar/org/h2/result/RowFactory.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONBoolean.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONArray.java
 * /h2-2-2-224-sources-4-jar/org/h2/engine/GeneratedKeysMode.java
 * /h2-2-2-224-sources-4-jar/org/h2/message/TraceWriterAdapter.java
 * /h2-2-2-224-sources-4-jar/org/h2/constraint/ConstraintActionType.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/Snapshot.java
 * /h2-2-2-224-sources-4-jar/org/h2/bnf/BnfVisitor.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/TableInfoFunction.java
 * /h2-2-2-224-sources-4-jar/org/h2/bnf/context/DbContents.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/LongDataCounter.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/Token.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/Task.java

- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVInDoubtTransaction.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/store/DataHandler.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/CommandInterface.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/Call.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/Percentile.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/rtree/Spatial.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVSecondaryIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Console.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Role.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/SysProperties.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/NetworkConnectionInfo.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueInterval.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/MetaCursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/pg/PgServer.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/IntervalUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/SchemaOwnerCommand.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueVarbinary.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/index/SingleRowCursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/context/DbTableOrView.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/DefaultNullOrdering.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DeallocateProcedure.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueDouble.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/Index.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ConcatenationOperation.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/MetaSchema.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/split/FileSplit.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/table/ArrayTableFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/JsonConstructorFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/SimpleResultSet.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/MaterializedView.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/ParserUtil.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Recover.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/table/TableFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/OnDuplicateKeyValues.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropDomain.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/Cursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/SequenceValue.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/JavaAggregate.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/RangeInputStream.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/mem/FileMemData.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/WebSession.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/RunScriptCommand.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/geometry/GeometryUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/AppendOnlyMultiFileStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/message/TraceSystem.java

- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/WriteBuffer.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/DataReader.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/CompareModeDefault.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/util/TempFileDeleter.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ExpressionVisitor.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataAnyValue.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/rec/FilePathRec.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/FileStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/DBObject.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/disk/FilePathDisk.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CurrentGeneralValueSpecification.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/MetaType.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcDatabaseMetaData.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/Trigger.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/QueryExpressionIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/DateTimeTemplate.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/Update.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/RangeCursor.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/value/VersionedValue.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/Aggregate.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/StringUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/jmx/DatabaseInfo.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/TriggerObject.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Engine.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcResultSetMetaData.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/ColumnTemplate.java
- * /h2-2-2-224-sources-4-jar/org/h2/compress/LZFOutputStream.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Subquery.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataBinarySet.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/WindowFrameExclusion.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVTempResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ConditionNot.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/Recorder.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/mem/FilePathMem.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/Function0_1.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterDomainRenameConstraint.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/CompatibilityDateTimeValueFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/RandomAccessStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/DomainValueExpression.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/FunctionN.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropUser.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/GrantRevoke.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/IsolationLevel.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/DebuggingThreadLocal.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONBytesSource.java

- * /h2-2-2-224-sources-4-jar/org/h2/security/CipherFactory.java
- * /h2-2-2-224-sources-4-jar/org/h2/constraint/DomainColumnResolver.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueTimeTimeZone.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/index/VirtualTableCursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/UpdatableRow.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueBytesBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/RuleRepeat.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterTableRenameColumn.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/InformationSchemaTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/security/SecureFileStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataStdVar.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/zip/FilePathZip.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CompatibilitySequenceValueFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueStringBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueTime.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Mode.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/context/DbSchema.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateMaterializedView.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/store/LobStorageFrontend.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/SchemaObject.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/meta/DatabaseMetaLegacy.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/CommandWithValues.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Constants.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbcx/JdbcDataSourceFactory.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/LocalResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/AbbaDetector.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/WindowFrameBound.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/CastDataProvider.java
- * /h2-2-2-224-sources-4-jar/org/h2/constraint/ConstraintCheck.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataDefault.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/query/QueryOrderBy.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/ConnectionInfo.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/geometry/GeoJsonUtils.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/RegexpFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateDomain.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/ScriptBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/IntArray.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONValidationTargetWithUniqueKeys.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueTinyint.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/CacheTQ.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/FunctionAlias.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONStringSource.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/MergeUsing.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONValueTarget.java
- * /h2-2-2-224-sources-4-jar/org/h2/compress/Compressor.java

- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueNumeric.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CommandWithColumns.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueReal.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/SortedProperties.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/JavaFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Session.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/query/Select.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/TypeInfo.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Upgrade.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/DelayedDatabaseCloser.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/ScriptCommand.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/MathFunction2.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcBlob.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/SpatialKey.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/GeneratedColumnResolver.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/geometry/EWKUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/VirtualTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/FreeSpaceBitSet.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/ResultWithGeneratedKeys.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/LongDataType.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/VersionedValueType.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/SetSessionCharacteristics.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLExceptionInvalidAuthorizationSpecException.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/ObjectDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVPlainTempResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/UniquePredicate.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/SetFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/query/TableValueConstructor.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/SFChunk.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/StringFunction2.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateUser.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ExpressionColumn.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Restore.java
- * /h2-2-2-224-sources-4-jar/org/h2/compress/CompressNo.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropTrigger.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropSchema.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcException.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/BetweenPredicate.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/WebServer.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbcx/JdbcXAConnection.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/ResultInterface.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/ThreadDeadlockDetector.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/TrimFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONTarget.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/query/ForUpdate.java

- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JsonConstructorUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/Transfer.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableValueConstructorTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/ResultColumn.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcLob.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/command/dml/Explain.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLExceptionFeatureNotSupportedException.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/CommandRemote.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueToObjectConverter2.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/Table.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueGeometry.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableSynonym.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterView.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbcx/JdbcDataSource.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropRole.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/Domain.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/LinkedIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/RefreshMaterializedView.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/CountingReaderInputStream.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ParameterInterface.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/RandFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ArrayConstructorByQuery.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ParserBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/SmallMap.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/MemoryUnmapper.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/UnaryOperation.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/IntervalQualifier.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueJavaObject.java
- * /h2-2-2-224-sources-4-jar/org/h2/constraint/ConstraintDomain.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONObject.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONNumber.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CardinalityExpression.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/UserDefinedFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/Service.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/DataChangeDeltaTable.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/ExpressionWithVariableParameters.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/MVStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/RuleFixed.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataAvg.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLExceptionNonTransientException.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/ScriptReader.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/ByteStack.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CoalesceFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/JdbcUtils.java

- * /h2-2-2-224-sources-4-jar/org/h2/util/SmallLRUCache.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterTableAlterColumn.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Setting.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/IntervalOperation.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/Sparse.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONNull.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Operation1_2.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/api/DatabaseEventListener.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/rtree/SpatialDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONStringTarget.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcBatchUpdateException.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/NullValueDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/TableEngine.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ConditionInConstantSet.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateTrigger.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Variable.java
- * /h2-2-2-224-sources-4-jar/org/h2/security/SHA3.java
- * /h2-2-2-224-sources-4-jar/org/h2/constraint/ConstraintReferential.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/VersionedBitSet.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DefineCommand.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterDomainExpressions.java
- * /h2-2-2-224-sources-4-jar/org/h2/security/XTEA.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/util/SourceCompiler.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ExtTypeInfoRow.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ParameterRemote.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/SortOrder.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueArray.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueVarchar.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/Sentence.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ExtTypeInfoGeometry.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/Servlet.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/InformationSchema.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/PredicateWithSubquery.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/ListaggArguments.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/BasicDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/CacheHead.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/RuleHead.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/Analyze.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/MathFunction1.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/FunctionsLegacy.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/FileUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableFilter.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueChar.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/PrepareProcedure.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropDatabase.java

- * /h2-2-2-224-sources-4-jar/org/h2/constraint/Constraint.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/ResultRemote.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVDelegateIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/ByteArrayDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/RightOwner.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Format.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueInteger.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/RowDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/SequenceOptions.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/tools/RunScript.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterTableRename.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/JavaObjectSerializer.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/XMLFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/jmx/DatabaseInfoMBean.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVSpatialIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/Merge.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/meta/DatabaseMetaRemote.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/zip/FileZip.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ExpressionWithFlags.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/FileLister.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/ArrayFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/CompressTool.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/Cursor.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/mvstore/cache/FilePathCache.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/PgCatalogTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/FileStoreOutputStream.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Csv.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateTableData.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/SpatialIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropConstant.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/geometry/JTSUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateRole.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/NullIfFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableView.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/CacheWriter.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CastSpecification.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/InDoubtTransaction.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/nioMem/FilePathNioMemLZF.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/BooleanTest.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/engine/DbSettings.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueBinary.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/SimpleCase.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ConditionInQuery.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/ColumnResolver.java

- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterTableDropConstraint.java
- * /h2-2-2-224-sources-4-jar/org/h2/constraint/ConstraintUnique.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/table/LinkSchemaFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/CompressFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/WindowFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/SessionControlFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/PageParser.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/Typed.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/FilePathWrapper.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/util/AbbaLockingDetector.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/OffHeapStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataDistinctWithCounts.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/UserBuilder.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/StringDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/SignalFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/CommandList.java
- * /h2-2-2-224-sources-4-jar/org/h2/compress/CompressDeflate.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/lob/LobDataFetchOnDemand.java
- * /h2-2-2-224-sources-4-jar/org/h2/fulltext/FullTextLucene.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/TxDecisionMaker.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/Utils10.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/ConnectionInfo.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/DbDriverActivator.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/WebApp.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/MathFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcPreparedStatement.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueToObjectConverter.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/RuleList.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/MetaTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/LobStorageMap.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/JakartaWebServlet.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/MultiDimension.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueVarcharIgnoreCase.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/TruncateTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/DeleteDbFiles.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/FakeFileChannel.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONValidationTargetWithoutUniqueKeys.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/RuleExtension.java
- * /h2-2-2-224-sources-4-jar/org/h2/fulltext/FullTextSettings.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/table/Column.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Backup.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueDate.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/Bnf.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/NoOperation.java

- * /h2-2-2-224-sources-4-jar/org/h2/index/VirtualTableIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/HashFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/SetClauseList.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataCorr.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/Plan.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONByteArrayTarget.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/AggregateFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropSynonym.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONString.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONValidationTarget.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/condition/IsJsonPredicate.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/Chunk.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/lob/LobDataFile.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ConditionAndOr.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/DualIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateSynonymData.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/FileBaseDefault.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateFunctionAlias.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/table/JavaTableFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbcx/JdbcDataSourceBackwardsCompat.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/IndexCondition.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueNull.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcConnectionBackwardsCompat.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Comment.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/LobStorageInterface.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONItemType.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/SetTypes.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/TcpServerThread.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/meta/DatabaseMetaLocalBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/DbStarter.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/DataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/ErrorCode.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLException.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/SimpleResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/Transaction.java
- * /h2-2-2-224-sources-4-jar/org/h2/jmx/DocumentedMBean.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/SimplePredicate.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/StringFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/DataType.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/util/CacheLRU.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateAggregate.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateSchema.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLTransactionRollbackException.java

- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/SysInfoFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/DataUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/SessionRemote.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/Store.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/DataTypeSQLFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/async/FileAsync.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueClob.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/Aggregate.java
- * /h2-2-2-224-sources-4-jar/org/h2/Driver.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropView.java
- * /h2-2-2-224-sources-4-jar/org/h2/schema/Sequence.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/Record.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/store/RangeReader.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/Profiler.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterTableRenameConstraint.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/SetComment.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/IOUtils.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/WindowFrameBoundType.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ExtTypeInfoEnum.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/QueryExpressionCursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterIndexRename.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/Insert.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/query/Query.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/DualCursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/BuiltinFunctions.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueEnum.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/RuleElement.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ConditionIn.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/expression/function/StringFunction1.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterDomain.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/Interval.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropSequence.java
- * /h2-2-2-224-sources-4-jar/org/h2/message/TraceWriter.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/WindowFunctionType.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/TimeZoneOperation.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/CreateCluster.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueCollectionBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/Function1.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/ConcatFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueSmallint.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/WindowFrame.java
- * /h2-2-2-224-sources-4-jar/org/h2/JdbcDriverBackwardsCompat.java
- * /h2-2-2-224-sources-4-jar/org/h2/message/Trace.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLException.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/PlanItem.java

- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ExistsPredicate.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbcx/JdbcXid.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/type/StatefulDataType.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/lob/LobDataDatabase.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/Command.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcArray.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/FunctionsOracle.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/StreamStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/SearchedCase.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/pg/PgServerThread.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/encrypt/XTS.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/ChangeFileEncryption.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/HasSQL.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/ConditionLocalAndGlobal.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/table/IndexHints.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLTransientException.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/DateTimeFormatFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/LinkedCursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/jdbc/meta/DatabaseMeta.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/ConvertTraceFile.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/TriggerAdapter.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/Function2.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Database.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/MergedResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterSchemaRename.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/CacheObject.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/nioem/FilePathNioMem.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/SimpleColumnInfo.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Expression.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/tools/GUIConsole.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueDecfloat.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueTimestamp.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/LengthFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/security/Fog.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/nioem/FileNioMem.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/query/AllColumnsForPlan.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/LazyResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/SettingsBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/IndexType.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/PgCatalogSchema.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueUuid.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/ModeFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/Page.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/VirtualConstructedTableIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/TransactionCommand.java
- *

/h2-2-2-224-sources-4-jar/org/h2/engine/QueryStatisticsData.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/dml/Set.java
 * /h2-2-2-224-sources-4-jar/org/h2/fulltext/FullText.java
 * /h2-2-2-224-sources-4-jar/org/h2/schema/Schema.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterTableAddConstraint.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/SingleFileStore.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/function/table/CSVReadFunction.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/dml/FilteredDataChangeStatement.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/query/Optimizer.java
 * /h2-2-2-224-sources-4-jar/org/h2/result/ResultTarget.java
 * /h2-2-2-224-sources-4-jar/org/h2/table/InformationSchemaTableLegacy.java
 * /h2-2-2-224-sources-4-jar/org/h2/bnf/context/DbProcedure.java
 * /h2-2-2-224-sources-4-jar/org/h2/compress/LZFInputStream.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcClob.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/MVStoreException.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/Utils.java
 *
 /h2-2-2-224-sources-4-jar/org/h2/security/BlockCipher.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/ExpressionList.java
 * /h2-2-2-224-sources-4-jar/org/h2/store/fs/nio mapped/FileNioMapped.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/RootReference.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataCovar.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/MVMap.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/Operation1.java
 * /h2-2-2-224-sources-4-jar/org/h2/result/SearchRow.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/MathUtils.java
 * /h2-2-2-224-sources-4-jar/org/h2/util/MemoryEstimator.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLExceptionSyntaxErrorException.java
 * /h2-2-2-224-sources-4-jar/org/h2/mvstore/MVStoreTool.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateLinkedTable.java
 * /h2-2-2-224-sources-4-jar/org/h2/value/CaseInsensitiveConcurrentMap.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateDataCollecting.java
 *
 /h2-2-2-224-sources-4-jar/org/h2/fulltext/IndexInfo.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/CreateConstant.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcResultSet.java
 * /h2-2-2-224-sources-4-jar/org/h2/result/SimpleRowValue.java
 * /h2-2-2-224-sources-4-jar/org/h2/server/web/WebThread.java
 * /h2-2-2-224-sources-4-jar/org/h2/store/fs/mem/FileMem.java
 * /h2-2-2-224-sources-4-jar/org/h2/store/fs/FileBase.java
 * /h2-2-2-224-sources-4-jar/org/h2/command/CommandContainer.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/JdbcSQLNonTransientConnectionException.java
 * /h2-2-2-224-sources-4-jar/org/h2/expression/CompatibilityDatePlusTimeOperation.java
 * /h2-2-2-224-sources-4-jar/org/h2/value/ValueBoolean.java
 * /h2-2-2-224-sources-4-jar/org/h2/message/TraceObject.java
 * /h2-2-2-224-sources-4-jar/org/h2/table/VirtualConstructedTable.java
 * /h2-2-2-224-sources-4-jar/org/h2/bnf/Rule.java
 * /h2-2-2-224-sources-4-jar/org/h2/jdbc/meta/DatabaseMetaServer.java

- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/RollbackDecisionMaker.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/mvstore/FileStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Operation2.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Parameter.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Shell.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/SoundexFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/TruncateValueFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/CompareMode.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/Row.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/FunctionTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/CaseInsensitiveMap.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/api/H2Type.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/encrypt/FilePathEncrypt.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Operation0.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterDomainRename.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/schema/UserAggregate.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/OperationN.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropFunctionAlias.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/Comparison.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/FieldReference.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/FetchedResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/DropMaterializedView.java
- * /h2-2-2-224-sources-4-jar/org/h2/result/DefaultRow.java
- * /h2-2-2-224-sources-4-jar/org/h2/bnf/RuleOptional.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/async/FilePathAsync.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/OnExitDatabaseCloser.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/Server.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/ddl/AlterUser.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/BackupCommand.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/FileLock.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableLinkConnection.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/mode/Regclass.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/TypedValueExpression.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/TransactionStore.java
- * /h2-2-2-224-sources-4-jar/org/h2/server/web/JakartaDbStarter.java
- * /h2-2-2-224-sources-4-jar/org/h2/index/IndexCursor.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/cache/CacheLongKeyLIRS.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/FileFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/Condition.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueBlob.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/CharsetCollator.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/FileLockMethod.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/ExecuteImmediate.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/IndexColumn.java

- * /h2-2-2-224-sources-4-jar/org/h2/table/QueryExpressionTable.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ArrayElementReference.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/engine/User.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/NullsDistinct.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/retry/FilePathRetryOnInterrupt.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVPrimaryIndex.java
- * /h2-2-2-224-sources-4-jar/org/h2/security/AES.java
- * /h2-2-2-224-sources-4-jar/org/h2/message/DbException.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableLink.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/db/MVSortedTempResult.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/condition/NullPredicate.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/split/FilePathSplit.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/encrypt/FileEncrypt.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/MFChunk.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/Rownum.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/SubstringFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/rtree/MVRTreeMap.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/mvstore/tx/CommitDecisionMaker.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/MetaRecord.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/rtree/DefaultSpatial.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/json/JSONValue.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/Help.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/SessionLocal.java
- * /h2-2-2-224-sources-4-jar/org/h2/mode/FunctionsMSSQLServer.java
- * /h2-2-2-224-sources-4-jar/org/h2/mvstore/CursorPos.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/Prepared.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/retry/FileRetryOnInterrupt.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/query/SelectListColumnResolver.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueEnumBase.java
- * /h2-2-2-224-sources-4-jar/org/h2/tools/SimpleRowSource.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/Cache.java
- * /h2-2-2-224-sources-4-jar/org/h2/engine/Right.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/WindowFrameUnits.java
- *
- /h2-2-2-224-sources-4-jar/org/h2/value/ValueBigint.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/analysis/DataAnalysisOperation.java
- * /h2-2-2-224-sources-4-jar/org/h2/store/fs/nioem/FileNioMemData.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/ValueExpression.java
- * /h2-2-2-224-sources-4-jar/org/h2/util/Tool.java
- * /h2-2-2-224-sources-4-jar/org/h2/table/TableType.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/aggregate/AggregateType.java
- * /h2-2-2-224-sources-4-jar/org/h2/security/SHA256.java
- * /h2-2-2-224-sources-4-jar/org/h2/expression/function/BitFunction.java
- * /h2-2-2-224-sources-4-jar/org/h2/value/ValueTimestampTimeZone.java
- * /h2-2-2-224-sources-4-jar/org/h2/command/dml/DataChangeStatement.java

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```
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* Copyright 2004-2023 H2 Group. Multiple-Licensed under the MPL 2.0,  
* and the EPL 1.0 (https://h2database.com/html/license.html).  
* Initial Developer: Daniel Gredler  
*/
```

Found in path(s):

```
* /h2-2-2-224-sources-4-jar/org/h2/mode/ToDateTokenizer.java  
* /h2-2-2-224-sources-4-jar/org/h2/mode/ToDateParser.java  
* /h2-2-2-224-sources-4-jar/org/h2/expression/function/ToCharFunction.java
```

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* and the EPL 1.0 (https://h2database.com/html/license.html).  
* Initial Developer: H2 Group  
*  
* Nicolas Fortin, Atelier SIG, IRSTV FR CNRS 24888  
* Support for the operator "&&" as an alias for SPATIAL_INTERSECTS  
*/
```

Found in path(s):

```
* /h2-2-2-224-sources-4-jar/org/h2/command/Parser.java
```

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```
/*  
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* and the EPL 1.0 (https://h2database.com/html/license.html).  
* Initial Developer: Jason Brittain (jason.brittain at gmail.com)  
*/
```

Found in path(s):

```
* /h2-2-2-224-sources-4-jar/org/h2/mode/FunctionsMySQL.java
```

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```
/*  
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* and the EPL 1.0 (https://h2database.com/html/license.html).  
* Initial Developer: H2 Group  
*  
* The variable size number format code is a port from SQLite,  
* but stored in reverse order (least significant bits in the first byte).  
*/
```

Found in path(s):

```
* /h2-2-2-224-sources-4-jar/org/h2/store/Data.java
```

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

```
/*
 * Copyright 2004-2023 H2 Group. Multiple-Licensed under the MPL 2.0,
 * and the EPL 1.0 (https://h2database.com/html/license.html).
 * Initial Developer: Alessandro Ventura
 */
```

Found in path(s):

```
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/impl/JaasCredentialsValidator.java
* /h2-2-2-224-sources-4-jar/org/h2/api/UserToRolesMapper.java
* /h2-2-2-224-sources-4-jar/org/h2/api/CredentialsValidator.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/UserToRolesMapperConfig.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/HasConfigProperties.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/RealmConfig.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/Configurable.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/AuthenticationInfo.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/H2AuthConfig.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/Authenticator.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/DefaultAuthenticator.java
*
/h2-2-2-224-sources-4-jar/org/h2/security/auth/AuthenticatorFactory.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/AuthenticationException.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/impl/LdapCredentialsValidator.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/AuthConfigException.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/impl/StaticRolesMapper.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/impl/AssignRealmNameRole.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/PropertyConfig.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/ConfigProperties.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/H2AuthConfigXml.java
* /h2-2-2-224-sources-4-jar/org/h2/security/auth/impl/StaticUserCredentialsValidator.java
```

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```
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Found in path(s):

* /h2-2-2-224-sources-4-jar/org/h2/jdbcx/JdbcConnectionPool.java

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*

* This code is based on the LZF algorithm from Marc Lehmann. It is a
* re-implementation of the C code:

* http://cvs.schmorp.de/liblzf/lzf_c.c?view=markup

* http://cvs.schmorp.de/liblzf/lzf_d.c?view=markup

*

* According to a mail from Marc Lehmann, it's OK to use his algorithm:

* Date: 2010-07-15 15:57

* Subject: Re: Question about LZF licensing

* ...

* The algorithm is not copyrighted (and cannot be copyrighted afaik) - as long

* as you wrote everything yourself, without copying my code, that's just fine

* (looking is of course fine too).

* ...

*

* Still I would like to keep his copyright info:

*

* Copyright (c) 2000-2005 Marc Alexander Lehmann <schmorp@schmorp.de>

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* /h2-2-2-224-sources-4-jar/org/h2/compress/CompressLZF.java

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* Initial Developer: H2 Group

*/

/**

* Converts a value to a LocalDate.

*

* This method should only be called from Java 8 or later version.

*

* @param value

* the value to convert

* @param provider

* the cast information provider

* @return the LocalDate

*/

Found in path(s):

* /h2-2-2-224-sources-4-jar/org/h2/util/JSR310Utils.java

1.165 bctls-fips 2.0.19

1.165.1 Available under license :

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```
public static final ProtocolName WEBRTC_CONFIDENTIAL = asUtf8Encoding("c-webrtc");
```

Found in path(s):

* /bctls-fips-2-0-19-sources-jar/org/bouncycastle/tls/ProtocolName.java

1.166 hsqldb-jdbc 2.7.3

1.166.1 Available under license :

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Version 1.0

Last updated: 28 June 2022

1.167 avro 1.12.0

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1.168 zlib 1.3.1-r2

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1.169 picocli 4.7.6

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1.170 jaybird 5.0.5.java8

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- */

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- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/TransactionState.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/EncodingSet.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireAsynchronousChannel.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/XdrStreamAccess.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/Parameter.java

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdParameterMetaData.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdDatabaseMetaData.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdResultSetMetaData.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdPreparedStatement.java
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Found in path(s):

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/XcaConnectionManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/FirebirdEmbeddedLookup.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/StatementDetector.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/DbAttachInfo.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/BatchParameterBufferImp.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version18/Version18Descriptor.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractImmutableAttachProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetUDTs.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/ServiceListenerDispatcher.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBProcedureCall.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/FBEscapedFunctionHelper.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetSchemas.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/StatementIdentification.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/SquareBracketClose.java
*

/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBBlobInputStream.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/WireDatabaseConnection.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version11/V11Database.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/ReturningClauseDetector.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version11/V11WireOperations.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/MessageLoader.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/fb/constants/BpbItems.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/AbstractListenerDispatcher.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/NumericHelper.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBFetcher.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractFbAttachment.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetColumns.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetPseudoColumns.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/jni/NativeGDSFactoryPlugin.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/ExceptionListenerDispatcher.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractFbWireStatement.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/ServiceRequestBufferImp.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/BlobParameterBufferImp.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/IEncodingFactory.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBManagedConnectionFactory.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/FirebirdReservedWords.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBUpdatableFetcher.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBUserManager.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBStreamingBackupManager.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/PeriodToken.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/BlobListenableField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractFbStatement.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/BigIntArgument.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaStatement.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/ParameterConverter.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetProcedureColumns.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetAttributes.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/AbstractKeysMethod.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10Service.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/GeneratedKeysSupport.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBCachedBlobField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/ServerBatch.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/InvalidPropertyValueException.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBSQLException.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version13/V13ParameterConverter.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version15/Version15Descriptor.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/internal/ConnectionPropertyRegistry.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FetchDirection.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/logging/ConsoleLogger.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBBlobField.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/NativeResourceUnloadWebListenerJakarta.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/fields/RowValue.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/RowValueBuilder.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/FBEscapedParser.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/ISC_STATUS.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBConnectionRequestInfo.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBCachedFetcher.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/CryptSessionConfig.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version11/V11ParameterConverter.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/CloseToken.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetImportedKeys.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBBigDecimalField.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/PrivilegeMapping.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/CryptSessionConfigImpl.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/TokenVisitor.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetTypeInfo.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBDriver.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10ParameterConverter.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/wire/FbInflaterInputStream.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBDecfloatField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/ReflectionHelper.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBConnectionDefaults.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractConnection.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBRowId.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractFbDatabase.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBDatabaseMetaData.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/classpath/ClasspathFirebirdEmbeddedLibrary.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/BooleanLiteralToken.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10Statement.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractFbWireBlob.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBTraceManager.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractFbWireService.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/SqlParser.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/AbstractFieldMetaData.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaTransaction.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/CursorFlag.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/Argument.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/WireConnection.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/AbstractSymbolToken.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/tz/TimeZoneDatatypeCoder.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/ArgumentType.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/logging/JulLogger.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/FbEmbeddedDatabaseFactory.java

- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/CurlyBraceClose.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/ByteArgument.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AsynchronousProcessor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/StatementListenerDispatcher.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/TypeMetadata.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBBackupManager.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetCrossReference.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/DefaultBlrCalculator.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdConnectionProperties.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/AbstractTokenVisitor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/ISC_ARRAY_BOUND.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/FBAbstractCommonDataSource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractFbService.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBConnection.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBStringField.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/NumericArgument.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/StringLiteralToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version11/Version11Descriptor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/WhitespaceToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/classpath/ClasspathFirebirdEmbeddedLoader.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractFbBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetPrimaryKeys.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/wire/FbDeflaterOutputStream.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetFunctions.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version18/V18Statement.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/XcaConnectionEvent.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaConnection.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/ISC_ARRAY_DESC.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBResultSet.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBLongVarCharField.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version16/V16Statement.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetTables.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetBestRowIdentifier.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/BlobLengthProcessor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/DefaultDatabaseListener.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBRowUpdater.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/ReservedWords.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/DatatypeCoder.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/ByteArrayHelper.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/Primitives.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBServerScrollFetcher.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/DatabaseParameterBufferImp.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version15/V15WireOperations.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/LiteralToken.java

- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/OperatorToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/TrimmableField.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbServiceProperties.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaServiceConnection.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaParameterConverter.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaService.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/ClientAuthBlock.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version13/Version13Descriptor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractFbWireOutputBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/internal/TransactionNameMapping.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/StatementInfoProcessor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBTpb.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/AbstractNativeDatabaseFactory.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/CompletionReason.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/XcaConnectionEventListener.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/TransactionListenerDispatcher.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AsynchronousChannelListenerDispatcher.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBIncorrectXidException.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/GeneratedKeysQueryBuilder.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/LocalStatementType.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractWireOperations.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/oo/OOConnection.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/fields/RowDescriptorBuilder.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBCachedBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBFlushableField.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBCachedLongVarCharField.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbConnectionProperties.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractFbTransaction.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/UnexpectedEndOfInputException.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/NumericLiteralToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/JaybirdType.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/FBSimpleDataSource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/TemporaryFirebirdEmbeddedLibrary.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBDataSource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/TableStatistics.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10AsynchronousChannel.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBBlobOutputStream.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbDatabaseOperation.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/GenericToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/OpenToken.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/VisitorRegistrar.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractParameterConverter.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/FBConnectionPoolDataSource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBSavepoint.java

- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/ColonToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/NativeResourceUnloadWebListenerJavaX.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/KnownServerKey.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetColumnPrivileges.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBClob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBObjectListener.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/internal/StandardConnectionPropertyDefiner.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetClientInfoProperties.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version16/V16WireOperations.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/DefaultEncodingDefinition.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbExceptionBuilder.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/classpath/ClasspathFirebirdEmbeddedResource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/DpbType.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/SqlCountProcessor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/FbClientResource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBTpbMapper.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10OutputBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10WireOperations.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version11/V11Statement.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/srp/SrpAuthenticationPlugin.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetIndexInfo.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/logging/LoggerFactory.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/XSQLVAR.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/SQLExceptionChainBuilder.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/Version.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetTablePrivileges.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBLocalTransaction.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/ReservedToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/XSQLDA.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/SqlTokenizer.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10InputBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/NativeResourceTracker.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/NullLiteralToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/spi/package-info.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/AbstractConnectionPropertiesDataSource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/DatabaseListenerDispatcher.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/ConnectionEncodingFactory.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBStatement.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/USER_SEC_DATA.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/ServerVersionInformation.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10Database.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBTableStatisticsManager.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/InfoTruncatedException.java

- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/PropertyConstants.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBDriverPropertyManager.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/ExceptionHelper.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetSuperTables.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/DefaultStatementListener.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBStatementFetcher.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBManager.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/ParenthesisOpen.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/V10Transaction.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/FbClientFeatureAccessHandler.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/AbstractToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBManagedConnection.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/spi/DisposableFirebirdEmbeddedLibrary.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version12/Version12Descriptor.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/oo/OOGDSFactoryPlugin.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/CommaToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/ProtocolCollection.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBBlob.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/ISC_TIMESTAMP.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/AbstractMetadataMethod.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/SemicolonToken.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaDatabaseConnection.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/Token.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/GeneratedKeysSupportFactory.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBCallableStatement.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/ParenthesisClose.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/VaxEncoding.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/DataSourceFactory.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ParameterTagMapping.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbImmutableServiceProperties.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/FBEscapedCallParser.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBXid.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/FBXADDataSource.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/CommentToken.java
- *
- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/QuotedIdentifierToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/arc4/Arc4EncryptionPlugin.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBProcedureParam.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version12/V12ParameterConverter.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/EncodingFactory.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBUpdatableCursorFetcher.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/jni/EmbeddedGDSFactoryPlugin.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/TypedArgument.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaEventHandle.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/PositionalParameterToken.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/StatementHandler.java

```

*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/package-info.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version16/Version16Descriptor.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBBackupManagerBase.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBServiceManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version10/Version10Descriptor.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetExportedKeys.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBManagerMBean.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetCatalogs.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractFbWireDatabase.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version13/V13WireOperations.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetVersionColumns.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractAttachProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/CurlyBraceOpen.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetSuperTypes.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/logging/Logger.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetFunctionColumns.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBCachedClob.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBStandAloneConnectionManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/spi/FirebirdEmbeddedLibrary.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/GetProcedures.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/ISC_BLOB_DESC.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbImmutableConnectionProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/spi/FirebirdEmbeddedLoadingException.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/srp/AbstractSrpAuthenticationPluginSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/ByteArrayArgument.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/GDS_QUAD_t.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/package-info.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/InternalTransactionCoordinator.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/CharSequenceComparison.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/parser/SquareBracketOpen.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/FirebirdSupportInfo.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/ExecutionPlanProcessor.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBPreparedStatement.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/internal/UnregisteredDpbDefiner.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBConnectionProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version13/V13Statement.java
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/**

* Additional tasks to execute directly after attach operation.

* <p>

* Implementation retrieves database information like dialect ODS and server
* version.

* </p>

*

* @throws SQLException

*

For errors reading or writing database information.

*/

Found in path(s):

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaDatabase.java

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// case ISCConstants.isc_action_svc_add_license:

// case ISCConstants.isc_action_svc_remove_license:

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ClumpletReader.java

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdStatement.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdResultSet.java

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/*

* @(#)UnixCrypt.java 0.9 96/11/25

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/legacy/UnixCrypt.java

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/fields/RowDescriptor.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/GDSFactory.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/GDSExceptionHelper.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/BlobParameterBuffer.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/EventHandle.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/GDSHelper.java

*

/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/GDSType.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/GDSServerVersionException.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ISCConstants.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/EventHandler.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/GDSFactoryPlugin.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ServiceRequestBuffer.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/fields/FieldDescriptor.java

* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/GDSException.java

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 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FetchType.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/fb/constants/SpbItems.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/IServiceProperties.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/JaybirdErrorCodes.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/AttachmentProperties.java
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/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/def/ConnectionPropertyType.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/fb/constants/StandardBlobTypes.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/AuthenticationPlugin.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdConnection.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/DatabaseConnectionProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/DatabaseParameterBuffer.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbTransaction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/InfoProcessor.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/BlobConfig.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FetchResponse.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbStatement.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/ServiceManager.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/NBackupManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/DeferredResponse.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/GenericResponse.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/StatisticsManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/IConnectionProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/spi/ConnectionPropertyDefinerSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/Encoding.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/wire/WireProtocolConstants.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireDatabase.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireTransaction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/BatchCompletionResponse.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/TransactionParameterBuffer.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/GDSServerVersion.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireService.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/BackupManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/StatementType.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/Response.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/DeferredAction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/ExceptionListenable.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireAttachment.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/StoredProcedureMetaData.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/SqlResponse.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbDatabaseFactory.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/event/EventManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/TraceManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/UserManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/MaintenanceManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/ExceptionHandler.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbBlob.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/fields/BlrCalculator.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireStatement.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/EncryptionIdentifier.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/EncodingDefinition.java

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/IAttachProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/JnaAttachment.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/BaseProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/WireCrypt.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBMaintenanceManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/Batch.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/fb/constants/TpbItems.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/OperationCloseHandle.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdBlob.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ParameterBuffer.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/BatchParameterBuffer.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/PropertyNames.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBStatisticsManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/StatementState.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/event/FBEventManager.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/ServiceListener.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/StatementListener.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/BatchCompletion.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbBatchConfig.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/BlrConstants.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/props/def/ConnectionProperty.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/TransactionListener.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbDatabase.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/ProtocolDescriptor.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/EncryptionPluginSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/LockCloseable.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ServiceParameterBuffer.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/fb/constants/BatchItems.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbAttachment.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/event/DatabaseEvent.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/PageSizeConstants.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/StoredProcedureMetaDataFactory.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/User.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/FbService.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/AuthenticationPluginSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/fb/constants/DpbItems.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/listeners/DatabaseListener.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/WarningMessageCallback.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/monitor/OperationAware.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/monitor/Operation.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/EncryptionPlugin.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/SQLStateConstants.java

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FBXAException.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBResultSetMetaData.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/TypeConversionException.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/srp/Srp384AuthenticationPluginSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/TimeStampDiffFunction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/wire/WireGDSFactoryPlugin.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBCloseableField.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/IntervalMapping.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/DefaultEncodingSet.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/WireEventHandle.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBTimeStampField.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/JaybirdSystemProperties.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBRowIdField.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version18/V18Database.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FirebirdVersionMetaData.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBShortField.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/DefaultDatatypeCoder.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/ConstantSQLFunction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/StringArgument.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireDatabaseFactory.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/QuoteStrategy.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/FbLocalDatabaseFactory.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/BigEndianDatatypeCoder.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/IOUtils.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/MessageLookup.java

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*
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/srp/Srp512AuthenticationPluginSpi.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/ParameterBufferBase.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBDriverNotCapableException.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/FBSQLEncryptException.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/NativeLibraryLoadException.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBParameterMetaData.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/InternalApi.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/dbcrypt/DbCryptData.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/FbWireOperations.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/srp/Srp224AuthenticationPluginSpi.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractProtocolDescriptor.java
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 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/encodings/EncodingGeneric.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/tz/TimeZoneMapping.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/AbstractFbWireInputBlob.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/WireServiceConnection.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/dbcrypt/DbCryptCallback.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/ParameterBufferMetaData.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/dbcrypt/simple/StaticValueDbCryptCallback.java
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 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/AbstractWithTimeZoneField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ConnectionParameterBuffer.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/AbstractWithoutTimeZoneField.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBTimeTzField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBDateField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/oo/OODatabaseMetaData.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBUser.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/FbClientDatabaseFactory.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/AbstractEventHandle.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/JdbcTypeConverter.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/JavaTypeNameConstants.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jaybird/xca/FatalGDSErrorHelper.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBDriverConsistencyCheckException.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/dbcrypt/DbCryptCallbackSpi.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/legacy/LegacyAuthenticationPluginSpi.java
 *
 /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/MetadataPattern.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBTimeField.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FieldDataProvider.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/PooledConnectionHandler.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/MetadataPatternMatcher.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/DbMetadataMediator.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/SQLFunction.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/PatternSQLFunction.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/OperationMonitor.java
 * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/FbMetadataConstants.java

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* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/metadata/Clause.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/EncryptionInitInfo.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/srp/Srp256AuthenticationPluginSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/StringUtils.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/CharacterLengthFunction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version12/V12Statement.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/PositionFunction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBBinaryField.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/BaseGDSFactoryPlugin.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/FbClientFeature.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/crypt/arc4/Arc4EncryptionPluginSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/FBXAConnection.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/LocateFunction.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/management/FBNBackupManager.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/srp/SrpAuthenticationPluginSpi.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version16/V16Database.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/auth/legacy/LegacyAuthenticationPlugin.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBResultSetNotUpdatableException.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBTimestampTzField.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/argument/SingleItem.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version13/V13Database.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/LengthFunction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/EncodingSpecificDatatypeCoder.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/wire/EncryptedStreamSupport.java
*
/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/LittleEndianDatatypeCoder.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/ds/FBPooledConnection.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/jna/FbClientFeatureAccess.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version15/V15Database.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/SqlCountHolder.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/ConvertFunction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/TransactionHelper.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/ServiceParameterBufferImp.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/escape/TimestampAddFunction.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/ng/wire/version12/V12Database.java
* /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBNullField.java

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- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/util/Volatile.java

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- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/Decimal128.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/DecimalFormat.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/DecimalInconvertibleException.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/Decimal64.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/DecimalOverflowException.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/DecimalCodec.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/Decimal32.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/Decimal.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/DenselyPackedDecimalCodec.java
- *

- /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/Signum.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/OverflowHandling.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/DecimalType.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/extern/decimal/DecimalFactory.java

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- */

/**

- * Get the Firebird server version of this provider.

- * <p>

- * Implementations should report a version similar as reported by {@code isc_info_firebird_version} and as expected

- * by {@link org.firebirdsql.gds.impl.GDSServerVersion},

that is a format of

- * {@code <platform>-<type><majorVersion>.<minorVersion>.<variant>.<buildNum>[-<revision>]

<serverName>},

- * where {@code platform} is a two-character platform identification string, Windows for example is "WI",

- * {@code type} is one of the three characters: "V" - production version, "T" - beta version, "X" - development

- * version.

- * </p>

- * <p>

```

* This is not a hard requirement, but failure to comply may exclude the implementation from being used in
* features like selecting a suitable Firebird Embedded version based on version requirements (such a feature does
* not exist yet).
* </p>
*
* @return Firebird version information (eg {@code "WI-V3.0.5.33220 Firebird 3.0"})
*/

```

Found in path(s):

`/jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/embedded/spi/FirebirdEmbeddedProvider.java`

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- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBLongField.java
- * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/FBSQLExceptionInfo.java
- *
 - /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/WinFbClientLibrary.java
 - * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/gds/impl/TransactionParameterBufferImpl.java
 - * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBFloatField.java
 - * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jna/fbclient/FbClientLibrary.java
 - * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBDoubleField.java
 - * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/jdbc/field/FBBooleanField.java
 - * /jaybird-5-0-5-java8-sources-jar/org/firebirdsql/logging/NullLogger.java

1.171 mssql-jdbc 12.6.1.jre8

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FastDoubleParser

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However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

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FastDoubleParser

This is a Java port of Daniel Lemire's fast_float project.
This project provides parsers for double, float, BigDecimal and BigInteger values.

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- d) Do one of the following:

- o) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

- 1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

- e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

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1.173 zstd-jni 1.5.6-4

1.173.1 Available under license :

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Manifest-Version: 1.0

Specification-Title: zstd-jni

Specification-Version: 1.5.6-4

Specification-Vendor: com.github.luben

Implementation-Title: zstd-jni

Implementation-Version: 1.5.6-4

Implementation-Vendor: com.github.luben

Implementation-Vendor-Id: com.github.luben

Automatic-Module-Name: com.github.luben.zstd_jni

Bnd-LastModified: 1721499007163

Bundle-Name: zstd-jni

Bundle-SymbolicName: com.github.luben.zstd-jni

Bundle-Description: JNI bindings for Zstd native library that provides fast and high compression lossless algorithm for Java and all JVM languages.

Bundle-Vendor: com.github.luben
 Bundle-License: <https://opensource.org/licenses/BSD-2-Clause>;description
 =BSD 2-Clause License
 Bundle-Version: 1.5.6.4
 Bundle-ManifestVersion: 2
 Bundle-NativeCode: darwin/x86_64/libzstd-jni-1.5.6-4.dylib;osname=MacOS;
 osname=MacOSX;processor=x86_64,darwin/aarch64/libzstd-jni-1.5.6-4.dylib
 ;osname=MacOS;osname=MacOSX;processor=aarch64,freebsd/amd64/libzstd-jni
 -1.5.6-4.so;osname=FreeBSD;processor=amd64,freebsd/i386/libzstd-jni-1.5
 .6-4.so;osname=FreeBSD;processor=i386,linux/aarch64/libzstd-jni-1.5.6-4
 .so;osname=Linux;processor=aarch64,linux/amd64/libzstd-jni-1.5.6-4.so;o
 sname=Linux;processor=amd64,linux/arm/libzstd-jni-1.5.6-4.so;osname=Lin
 ux;processor=arm,linux/i386/libzstd-jni-1.5.6-4.so;osname=Linux;process
 or=i386,linux/mips64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=mips
 64,linux/loongarch64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=loon
 garch64,linux/ppc64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=ppc64
 ,linux/ppc64le/libzstd-jni-1.5.6-4.so;osname=Linux;processor=ppc64le,li
 nux/riscv64/libzstd-jni-1.5.6-4.so;osname=Linux;processor=riscv64,linux
 /s390x/libzstd-jni-1.5.6-4.so;osname=Linux;processor=s390x,win/amd64/li
 bzstd-jni-1.5.6-4.dll;osname=Win32;processor=amd64,win/aarch64/libzstd-
 jni-1.5.6-4.dll;osname=Win32;processor=aarch64,win/x86/libzstd-jni-1.5.
 6-4.dll;osname=Win32;processor=x86
 Export-Package:
 com.github.luben.zstd;version="1.5.6.4",com.github.luben
 .zstd.util;version="1.5.6.4"
 Import-Package: org.osgi.framework;resolution:=optional
 Private-Package: darwin.aarch64,darwin.x86_64,freebsd.amd64,freebsd.i386
 ,linux.aarch64,linux.amd64,linux.arm,linux.i386,linux.loongarch64,linux
 .mips64,linux.ppc64,linux.ppc64le,linux.riscv64,linux.s390x,win.aarch64
 ,win.amd64,win.x86
 Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version>=1.8))"

Found in path(s):

- * /zstd-jni-1-5-6-4-jar/META-INF/MANIFEST.MF

1.174 protobuf-java 4.28.2

1.174.1 Available under license :

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Found in path(s):

- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Writer.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Reader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldSet.java

- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SchemaUtil.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UninitializedMessageException.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/WireFormat.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtoSyntax.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DiscardUnknownFieldsParser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageReflection.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldInfo.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcCallback.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapEntry.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedInputStreamReader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcChannel.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtocolMessageEnum.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AllocatedBuffer.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldBuilder.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtobufArrayList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FieldType.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractParser.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Internal.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteOutput.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Utf8.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RopeByteString.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnsafeByteOperations.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemas.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryFactory.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldReflectionAccessor.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageInfo.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/JavaType.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BinaryWriter.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedOutputStreamWriter.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/StructuralMessageInfo.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SchemaFactory.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageSetSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractProtobufList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSchema.java

- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyStringArrayList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaFull.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatEscaper.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DynamicMessage.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/AbstractMessageLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ArrayDecoders.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BinaryReader.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemaFull.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilder.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnmodifiableLazyStringList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Descriptors.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/IntArrayList.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyField.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemas.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatParseInfoTree.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CompileTimeConstant.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnsafeUtil.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Java8Compatibility.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSet.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Android.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Service.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/InvalidProtocolBufferException.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RuntimeVersion.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Message.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteBufferWriter.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapFieldSchema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcController.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilder.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaFull.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BlockingService.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedOutputStream.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Schema.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormatParseLocation.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/InlineMe.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyStringList.java
- *
- /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaLite.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapField.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TypeRegistry.java
- * /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CanIgnoreReturnValue.java

```

* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/PrimitiveNonBoxingCollection.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RpcUtil.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ByteString.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaFull.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CodedInputStream.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SmallSortedMap.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/TextFormat.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/FloatArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DoubleArrayList.java
*
/protobuf-java-4-28-2-sources-jar/com/google/protobuf/LazyFieldLite.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Extension.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExperimentalApi.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MutabilityOracle.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/OneofInfo.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Parser.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BufferAllocator.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MapEntryLite.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ProtocolStringList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ManifestSchemaFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionLite.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ServiceException.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/Protobuf.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/IterableByteBufferInputStream.java
*
/protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageOrBuilder.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BooleanArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetLiteSchema.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageInfoFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLiteToString.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistry.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/BlockingRpcChannel.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageLiteOrBuilder.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/MessageInfoFactory.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/LongArrayList.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/CheckReturnValue.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/DescriptorMessageInfoFactory.java
*
/protobuf-java-4-28-2-sources-jar/com/google/protobuf/RawMessageInfo.java
No license file was found, but licenses were detected in source scan.

```

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Found in path(s):

```

* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageV3.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilderV3.java
* /protobuf-java-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilderV3.java

```

1.175 bash 5.2.37-r0

1.175.1 Available under license :

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Version 3, 29 June 2007

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1.177 pax-utils 1.3.8-r1

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1.178 zookeeper-jute 3.9.3

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* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/ParseException.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/rcc.jj
*
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/RccConstants.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/RccTokenManager.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/SimpleCharStream.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/Rcc.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/TokenMgrError.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/Token.java

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* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/data/ClientInfo.java

*

/zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetSASLRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/ReplyHeader.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetSASLRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/ConnectRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetACLResponse.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetChildren2Request.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/FileHeader.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/CreateResponse.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/CheckVersionTxn.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/CreateTTLTxn.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/TxnDigest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/CreateContainerTxn.java

*

/zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetEphemeralsRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetDataRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetMaxChildrenRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/CheckWatchesRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetAllChildrenNumberRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/Create2Response.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetDataResponse.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/ExistsRequest.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetACLRequest.java

- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetWatches2.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/RequestHeader.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/ReconfigRequest.java
- *
- /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumPacket.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/CreateTxnV0.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetChildrenResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetChildrenRequest.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/SetDataTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/DeleteTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/data/Id.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/WhoAmIResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/RemoveWatchesRequest.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/CreateTTLRequest.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetWatches.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetDataRequest.java
- *
- /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetEphemeralsResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetSASLResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerInfo.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/data/Stat.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetChildren2Response.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetAllChildrenNumberResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/TxnHeader.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/data/StatPersisted.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SyncResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/CreateTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/ErrorTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/SetMaxChildrenTxn.java
- *
- /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/CreateSessionTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetMaxChildrenResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetACLResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/CheckVersionRequest.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/MultiTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/data/ACL.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/SetACLTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/DeleteRequest.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/GetDataResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/ErrorResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/ExistsResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/WatcherEvent.java
- *
- /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/CloseSessionTxn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/ConnectResponse.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/AuthPacket.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SyncRequest.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/CreateRequest.java

- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumAuthPacket.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/MultiHeader.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/txn/Txn.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/SetACLRequest.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/zookeeper/proto/AddWatchRequest.java

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- * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/OutputArchive.java
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/CGenerator.java
- *
 - /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JBoolean.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/Index.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/Utils.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JField.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JInt.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JString.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/RecordWriter.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/BinaryOutputArchive.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JavaGenerator.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JDouble.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/Record.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JMap.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/CSharpGenerator.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/CppGenerator.java
 - *
 - /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JByte.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JCompType.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JLong.java
 - * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JVector.java

* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/ToStringOutputArchive.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JType.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/RecordReader.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JFloat.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JFile.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/BinaryInputArchive.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/InputArchive.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JBuffer.java
* /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/JRecord.java
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- * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/package.html
- * /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/compiler/generated/package.html
- *
- /zookeeper-jute-3-9-3-sources-jar/org/apache/jute/package.html

1.179 zookeeper 3.9.3

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- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/TxnLogEntry.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/controller/ControllerServerConfig.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/controller/CommandClient.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/embedded/ZooKeeperServerEmbedded.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/PathParentIterator.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/BCFKSFileLoader.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatcherMode.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/embedded/ExitHandler.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/SnapshotComparer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/controller/ControllableConnectionFactory.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/util/CircularBlockingQueue.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/controller/ControlCommand.java

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*
/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/controller/CommandListener.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/MessageTracker.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/controller/ControllableConnection.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/controller/ControllerService.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/SnapshotRecursiveSummary.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/CircularBuffer.java

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- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/SnapshotFormatter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/StreamOutputter.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/RequestPathMetricsCollector.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/RateLimiter.java

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- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/PathTrie.java

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* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ByteBufferRequestRecord.java
*

/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/RequestRecord.java

* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/Request.java

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* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/GetAclCommand.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/GetEphemeralsCommand.java
*

/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/VersionCommand.java

* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/SyncCommand.java

* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/LsCommand.java

* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/GetAllChildrenNumberCommand.java

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- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/BitHashSet.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ServerAdminClient.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ServerStats.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/AtomicFileOutputStream.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerZooKeeperServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/version/Info.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/GetConfigCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Testable.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ServerCnxnFactory.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/jmx/MBeanRegistry.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/NettyUtils.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/KerberosUtil.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/JLineZNodeCompleter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/Util.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/FileKeyStoreLoader.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ZooKeeperMain.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/ServerAuthenticationProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LocalSessionTracker.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/client/StaticHostProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/AdminServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CliParseException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/client/ZKClientConfig.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ObserverBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Version.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandlerMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/UnifiedServerSocket.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderElectionMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/SSLContextAndOptions.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/FilePadding.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/AddWatchMode.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/KeyStoreLoader.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZKDatabase.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/impl/MetricsProviderBootstrap.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/Learner.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ClientCnxn.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/DumpCommand.java

- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/WorkerService.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/DigestCommand.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/DeleteCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/NodeHashMap.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/StatCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/SessionTracker.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/KeeperException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/DeleteAllCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooTrace.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/StatPrinter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/FinalRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/TxnLog.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/SetTraceMaskCommand.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/ConfigUtils.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/FileTxnLog.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ReadOnlyBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/AuthenticationProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/metric/SimpleCounter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/MalformedCommandException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/DigestAuthenticationProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerMaster.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumOracleMaj.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/DataTreeBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperCriticalThread.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/DigestCalculator.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/audit/AuditHelper.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/PEMFileLoader.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/MetricsContext.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/metric/Metric.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/ProviderRegistry.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/MalformedPathException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthLearner.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ConnectionMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ObserverMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/ListQuotaCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxCounterSet.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ServerMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CommandFactory.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatcherOrBitSet.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxPercentileCounter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/IDeadWatcherListener.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ZKWatchManager.java

- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/NullQuorumAuthServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/SyncedLearnerTracker.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ZKUtil.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ServerCnxn.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/GaugeSet.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumHierarchical.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/DataNode.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/SnapshotInfo.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/SetAclCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/ReadAheadEndpoint.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CliException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/VerifyingFileFactory.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/impl/DefaultMetricsProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumVerifier.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ByteBufferOutputStream.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/NettyServerCnxn.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/AdminServerFactory.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/Observer.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/CommandOutputter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/IsroCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ByteBufferInputStream.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ClientCnxnSocket.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Shell.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Login.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/CommandBase.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ConnectionBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/NullQuorumAuthLearner.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/Stats.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumServerCallbackHandler.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/Leader.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/UnimplementedRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatchStats.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/FileTxnSnapLog.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderElectionBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/X509Util.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/SaslClientCallbackHandler.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/JsonOutputter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/DigestWatcher.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/FileKeyStoreLoaderBuilderProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/QuorumAuthLearner.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/NettyServerCnxnFactory.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/audit/AuditConstants.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/UpgradeableSessionTracker.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/OSMXBean.java

- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatchManagerOptimized.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ObserverRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/client/ConnectionStringParser.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandlerBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerListenerImpl.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/MonitorCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/CreateMode.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/BufferStats.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/MetricsProviderLifeCycleException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/CnxnStatResetCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumStats.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/ZKTrustManager.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/ConsCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderZooKeeperServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/audit/ZKAuditProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/Time.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxCounter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumMXBean.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ReferenceCountedACLCache.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/SASLAuthenticationProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LocalPeerMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/metric/AvgMinMaxPercentileCounterSet.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ObserverZooKeeperServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/SetQuotaCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/UnifiedConnectionFactory.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/WhoAmICommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/SummarySet.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/KerberosName.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/Vote.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/StandardTypeFileKeyStoreLoader.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/FourLetterCommands.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/QuorumAuth.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/SnapShot.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/SetCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/ReconfigCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/client/HostProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/PurgeTxnLog.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/util/PemReader.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Quotas.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/NetUtils.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/Commands.java

*
 /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/SessionTrackerImpl.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/TraceMaskCommand.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/util/ServiceUtils.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/AckRequestProcessor.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/IWatchManager.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/SerializeUtils.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/impl/NullMetricsProvider.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/TraceFormatter.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/AclParser.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ObserverMaster.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/Gauge.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/QuotaMetricsUtils.java
 *
 /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/CounterSet.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/DatadirCleanupManager.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/EnvCommand.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/Counter.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/JvmPauseMonitor.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ClientCnxnSocketNIO.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/FileSnap.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/client/FourLetterWordMain.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/FollowerMXBean.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/ClientX509Util.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/DataTreeMXBean.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumPeer.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ZooDefs.java
 *
 /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ExpiryQueue.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatchManagerFactory.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/metric/SimpleCounterSet.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LocalPeerBean.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/util/SecurityUtils.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/EnsembleAuthenticationProvider.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/JKSFileLoader.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/Base64OutputFormatter.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/FollowerBean.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/DigestLoginModule.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/PostCommand.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/DelQuotaCommand.java
 *
 /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ClientCnxnSocketNetty.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/RequestProcessor.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/GetCommand.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerSyncRequest.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/PrependableSocket.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/OutputFormatter.java
 * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerShutdownHandler.java

- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerMain.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerHandler.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Watcher.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/client/ZooKeeperSaslClient.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/SyncThrottleException.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/AuthRequest.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/SyncRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/WatchedEvent.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/DumbWatcher.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/SendAckRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/PrepRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/SaslServerPrincipal.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/SaslQuorumAuthServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/MetricsProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ReadOnlyRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/WatchDeregistration.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/flexible/QuorumMaj.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/FollowerRequestProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/BlueThrottle.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/NIOServerCnxn.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ZookeeperBanner.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/AddAuthCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/NodeHashMapImpl.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/CreateOptions.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/TxnLogToolkit.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/AbstractFourLetterCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/FastLeaderElection.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ResponseCache.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/ZKHostnameVerifier.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/QuorumX509Util.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/RuokCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/DirsCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumPeerConfig.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/compat/ProtocolManager.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/jmx/ZKMBeanInfo.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ServerCnxnHelper.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/AuthenticationHelper.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/ZxidUtils.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CommandUsageHelper.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/IOUtils.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerSyncThrottler.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CreateCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/StateSummary.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/AddWatchCommand.java

- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/Command.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/RemotePeerMXBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatcherCleaner.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumPeerMain.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/auth/QuorumAuthServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperSaslServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/WrappedAuthenticationProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/AtomicFileWritingIdiom.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/AuthUtil.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/StatsTrack.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/GetCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/CommitProcessor.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Environment.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/StatCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerListener.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LeaderSessionTracker.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/DummyAdminServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/audit/AuditLogger.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/AdHash.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/X509AuthenticationProvider.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerSessionTracker.java
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- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ZooKeeper.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperServerBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/StatResetCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumCnxManager.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/persistence/SnapStream.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ServerBean.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ZooKeeperTestable.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/ClientWatchManager.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/FollowerZooKeeperServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/JettyAdminServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/admin/ZooKeeperAdmin.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/audit/Slf4jAuditLogger.java
- *
- /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/HexDumpOutputFormatter.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/QuorumZooKeeperServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/version/VersionInfoMain.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/LearnerSender.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CliCommand.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CommandNotFoundException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/BitMap.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ServerConfig.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ReadOnlyZooKeeperServer.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ClientCnxnLimitException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CliWrapperException.java
- * /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/audit/AuditEvent.java

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* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/metrics/Summary.java
*
/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/NIOServerCnxnFactory.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/RemotePeerBean.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/NopCommand.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/AsyncCallback.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ZooKeeperThread.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/RemoveWatchesCommand.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/Election.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/CommandExecutor.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/util/LogChopper.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/ZKConfig.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ExitCode.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/X509Exception.java
*
/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/SaslServerCallbackHandler.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/PKCS12FileLoader.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/DeleteContainerRequest.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/Follower.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/DataTree.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/IPAuthenticationProvider.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/jmx/ManagedUtil.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatchManager.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/CloseCommand.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/ConfCommand.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/ServerMetrics.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/auth/KeyAuthenticationProvider.java
*
/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/SecretUtils.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/quorum/ProposalRequestProcessor.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/cli/PlainOutputFormatter.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/command/WatchCommand.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/FileChangeWatcher.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/common/KeyStoreFileType.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/RequestThrottler.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/TxnLogProposalIterator.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/RateLogger.java

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* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/EphemeralType.java
*
/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/EphemeralTypeEmulate353.java
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* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/admin/CommandResponse.java

*

/zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatchesPathReport.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatchesSummary.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/MultiOperationRecord.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/MultiResponse.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Transaction.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/Op.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/server/watch/WatchesReport.java
* /zookeeper-3-9-3-sources-jar/org/apache/zookeeper/OpResult.java

1.180 bcutil-fips 2.0.2

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1.188 protobuf-java-util 4.28.2

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Found in path(s):

- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RpcUtil.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageSchema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/LazyFieldLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/Durations.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemaFull.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnmodifiableLazyStringList.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RopeByteString.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/DescriptorMessageInfoFactory.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/JavaType.java
- *
- /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Writer.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSet.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/AbstractMessageLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemaFull.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CodedOutputStream.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/OneofInfo.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ProtocolMessageEnum.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExperimentalApi.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnsafeUtil.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/Values.java
- *
- /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/ProtoFileUtil.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/InlineMe.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ServiceException.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/FieldInfo.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemas.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilder.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchemas.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapEntryLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SchemaFactory.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/TextFormatParseInfoTree.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BinaryReader.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ByteString.java
- *

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 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Java8Compatibility.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/StructuralMessageInfo.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Android.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BlockingService.java
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 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/DiscardUnknownFieldsParser.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/WireFormat.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageInfoFactory.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ProtobufArrayList.java
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 /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryLite.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/NewInstanceSchema.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/IntArrayList.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageOrBuilder.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BufferAllocator.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SchemaUtil.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapEntry.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionSchema.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageInfo.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldBuilder.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BinaryWriter.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Parser.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/TextFormatEscaper.java
 *
 /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CompileTimeConstant.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RuntimeVersion.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetLiteSchema.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageInfoFactory.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/FloatArrayList.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistryFactory.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Internal.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ManifestSchemaFactory.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Extension.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RpcCallback.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageSetSchema.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MutabilityOracle.java
 *
 /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CheckReturnValue.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/JsonFormat.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Descriptors.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/LazyField.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ByteOutput.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CodedInputStreamReader.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ProtocolStringList.java
 * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaLite.java

- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldSchema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageLiteOrBuilder.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageLiteToString.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/LongArrayList.java
- *
- /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/GeneratedMessage.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapField.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/AbstractProtobufList.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Reader.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSchema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Message.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemas.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/DynamicMessage.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RawMessageInfo.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/AbstractParser.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ListFieldSchemaLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ProtoSyntax.java
- *
- /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnsafeByteOperations.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/TypeRegistry.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Schema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilder.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SmallSortedMap.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldLite.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/TextFormat.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RpcChannel.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/DoubleArrayList.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/FieldType.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Protobuf.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MessageReflection.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemas.java
- *
- /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldSchemaFull.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CanIgnoreReturnValue.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ArrayDecoders.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/LazyStringList.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/TextFormatParseLocation.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BooleanArrayList.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/AllocatedBuffer.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UnknownFieldSetSchema.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/Timestamps.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/AbstractMessage.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RpcController.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionSchemaFull.java
- *
- /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/Service.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/FieldMaskUtil.java
- * /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ByteBufferWriter.java

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* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionRegistry.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/Structs.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ListFieldSchema.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/PrimitiveNonBoxingCollection.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/ExtensionLite.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/util/FieldMaskTree.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/BlockingRpcChannel.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/MapFieldReflectionAccessor.java
*
/protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/CodedOutputStreamWriter.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/LazyStringArrayList.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/UninitializedMessageException.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/InvalidProtocolBufferException.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/FieldSet.java
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Found in path(s):

```

* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/GeneratedMessageV3.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/RepeatedFieldBuilderV3.java
* /protobuf-java-util-4-28-2-sources-jar/com/google/protobuf/SingleFieldBuilderV3.java

```

1.189 netty-buffer 4.1.115.Final

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```

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AdaptiveByteBufAllocator.java

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```
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufAllocatorMetricProvider.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PooledByteBufAllocatorMetric.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufAllocatorMetric.java
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```

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* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufProcessor.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/FixedCompositeByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AdvancedLeakAwareByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufHolder.java

*

/netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AbstractReferenceCountedByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ReadOnlyUnsafeDirectByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/WrappedByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AbstractDerivedByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/DefaultByteBufHolder.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ReadOnlyByteBufferBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/EmptyByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PooledUnsafeDirectByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnreleasableByteBuf.java

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- * /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/IntPriorityQueue.java
- * /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/SizeClassesMetric.java
- * /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/package-info.java
- * /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/SizeClasses.java
- *

/netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/LongLongHashMap.java

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- * /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/WrappedUnpooledUnsafeDirectByteBuf.java

- * /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AbstractUnpooledSlicedByteBuf.java

- * /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnpooledUnsafeNoCleanerDirectByteBuf.java

```

*
/netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/WrappedCompositeByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/SimpleLeakAwareCompositeByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AbstractPooledDerivedByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AdvancedLeakAwareCompositeByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PooledDuplicatedByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PooledSlicedByteBuf.java
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* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnpooledDuplicatedByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnpooledSlicedByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnsafeByteBufUtil.java
*
/netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PooledUnsafeHeapByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolChunkMetric.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolArenaMetric.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolSubpageMetric.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/HeapByteBufUtil.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AbstractUnsafeSwappedByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolChunkListMetric.java
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* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/MultiSearchProcessorFactory.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/BitapSearchProcessorFactory.java
*
/netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/SearchProcessor.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/MultiSearchProcessor.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/AbstractSearchProcessorFactory.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/AhoCorasicSearchProcessorFactory.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/AbstractMultiSearchProcessorFactory.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/search/SearchProcessorFactory.java

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* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnpooledHeapByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBuf.java
*
/netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/SwappedByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnpooledByteBufAllocator.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolChunkList.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AbstractByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/DuplicatedByteBuf.java

* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/package-info.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufAllocator.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PooledDirectByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolSubpage.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/Unpooled.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnpooledDirectByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/AbstractByteBufAllocator.java
*
/netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolArena.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolChunk.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/UnpooledUnsafeDirectByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/CompositeByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PoolThreadCache.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/PooledByteBufAllocator.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufOutputStream.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufUtil.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/SlicedByteBuf.java
* /netty-buffer-4-1-115-final-sources-1-jar/io/netty/buffer/ByteBufInputStream.java

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1.193 annotations 13.0

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- * /annotations-13-0-sources-6-jar/org/jetbrains/annotations/Contract.java
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- * /annotations-13-0-sources-6-jar/org/jetbrains/annotations/Nls.java
- * /annotations-13-0-sources-6-jar/org/jetbrains/annotations/PropertyKey.java
- * /annotations-13-0-sources-6-jar/org/jetbrains/annotations/NonNls.java

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* /annotations-13-0-sources-6-jar/org/jetbrains/annotations/NotNull.java
* /annotations-13-0-sources-6-jar/org/jetbrains/annotations/TestOnly.java
* /annotations-13-0-sources-6-jar/org/intellij/lang/annotations/MagicConstant.java
```

1.194 netty-tcnative-boringssl-static

2.0.66.Final

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* /netty-tcnative-boringssl-static-2-0-66-final-sources-1-jar/META-INF/maven/io.netty/netty-tcnative-boringssl-static/pom.xml

1.195 netty-tcnative-classes 2.0.66.Final

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* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/Library.java
* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/Buffer.java
* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/SSL.java

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 * Set the maximum number of bytes for the certificate chain during handshake.
 * See
 * <a
href="https://www.openssl.org/docs/man1.1.1/man3/SSL_CTX_set_max_cert_list.html">SSL_CTX_set_max_cert_
list</a>
 * for more details.
 * @param ctx context to use
 * @param size the maximum number of bytes
 */

```

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`/netty-tcnative-classes-2-0-66-final-sources-1-`

`jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java`

`/netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/SniHostNameMatcher.java`

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* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodSignTask.java
*
/netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/CertificateCallbackTask.java
* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/CertificateVerifierTask.java
* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/SSLPrivateKeyMethod.java
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Found in path(s):

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* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/CertificateRequestedCallback.java
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* /netty-tcnative-classes-2-0-66-final-sources-1-jar/io/netty/internal/tcnative/KeyLogCallback.java

1.196 jackson-dataformat-yaml 2.17.3

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1.198 open-csv 5.9

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```
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/FieldMapByPosition.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/BeanFieldJoinStringIndex.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/comparator/LiteralComparator.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/FieldMapByPositionEntry.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/AbstractMappingStrategy.java
*
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/ConverterNumber.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvNumber.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/FieldMap.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/PositionToBeanField.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/ComplexFieldMapEntry.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/RegexToBeanField.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/BeanFieldJoinIntegerIndex.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/AbstractFieldMap.java
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* /opencsv-5-9-sources-4-jar/com/opencsv/bean/AbstractFieldMapEntry.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/comparator/package-info.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/HeaderIndex.java
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* A very simple CSV reader released under a commercial-friendly license.  
*  
* @author Glen Smith  
*/
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* /opencsv-5-9-sources-4-jar/com/opencsv/CSVReader.java

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/**

* <p>A very simple CSV parser released under a commercial-friendly license.

* This just implements splitting a single line into fields.</p>

*

* <p>The purpose of the CSVParser is to take a single string and parse it into

* its elements based on the delimiter, quote and escape characters.</p>

*

* <p>The CSVParser has grown organically based on user requests and does not truly match

* any current requirements (though it can be configured to match or come close). There

* are no plans to change this as it will break existing requirements. Consider using

* the RFC4180Parser for less configurability but closer match to the RFC4180 requirements.</p>

*

* @author Glen Smith

* @author Rainer Pruy

*/

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* A very simple CSV parser for Java released under a commercial-friendly license.

*

* @see opencsv.sourceforge.net

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* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvBindAndSplitByPosition.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/FieldMapByNameEntry.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/AbstractCsvConverter.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/BeanFieldSingleValue.java

```
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/concurrent/AccumulateCsvResults.java
*
/opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvBindAndJoinByName.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/BeanFieldJoin.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/BeanFieldSplit.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvConverter.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/FieldMapByName.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/concurrent/ProcessCsvBean.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/concurrent/IntolerantThreadPoolExecutor.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/util/OrderedObject.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvBindAndJoinByPosition.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/concurrent/ProcessCsvLine.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvBindAndSplitByName.java
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```
* /opencsv-5-9-sources-4-jar/com/opencsv/ResultSetHelper.java
* /opencsv-5-9-sources-4-jar/com/opencsv/ResultSetHelperService.java
* /opencsv-5-9-sources-4-jar/com/opencsv/CSVParserBuilder.java
* /opencsv-5-9-sources-4-jar/com/opencsv/CSVReaderBuilder.java
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* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvBeanIntrospectionException.java

* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvException.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvToBeanBuilder.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/StatefulBeanToCsv.java

*

/* /opencsv-5-9-sources-4-jar/com/opencsv/bean/AbstractBeanField.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/package-info.java

* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvMalformedLineException.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/customconverter/ConvertFrenchToBoolean.java

* /opencsv-5-9-sources-4-jar/com/opencsv/stream/reader/package-info.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/util/OpencsvUtils.java

* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvConstraintViolationException.java

* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/package-info.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/StatefulBeanToCsvBuilder.java

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvBindByPosition.java

```

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvCustomBindByName.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/customconverter/package-info.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/ConverterPrimitiveTypes.java
*
/opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvRequiredFieldEmptyException.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvDate.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvCustomBindByPosition.java
* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvBadConverterException.java
* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvDataTypeMismatchException.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/customconverter/ConvertGermanToBoolean.java
* /opencsv-5-9-sources-4-jar/com/opencsv/enums/package-info.java
* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvRuntimeException.java
* /opencsv-5-9-sources-4-jar/com/opencsv/exceptions/CsvMultilineLimitBrokenException.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/ConverterDate.java
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```

Found in path(s):
* /opencsv-5-9-sources-4-jar/convertLanguageToBoolean_en.properties
* /opencsv-5-9-sources-4-jar/opencsv_pt_BR.properties
* /opencsv-5-9-sources-4-jar/opencsv_de.properties
* /opencsv-5-9-sources-4-jar/convertLanguageToBoolean_de.properties
* /opencsv-5-9-sources-4-jar/opencsv_en.properties
* /opencsv-5-9-sources-4-jar/convertLanguageToBoolean.properties
* /opencsv-5-9-sources-4-jar/opencsv.properties
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```

```

<url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>

```

```

Found in path(s):
* /opencsv-5-9-sources-4-jar/META-INF/maven/com.opencsv/opencsv/pom.xml
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```

```

/*

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Found in path(s):

* /opencsv-5-9-sources-4-jar/com/opencsv/bean/CsvToBean.java
* /opencsv-5-9-sources-4-jar/com/opencsv/bean/MappingStrategy.java
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* /opencsv-5-9-sources-4-jar/com/opencsv/ResultSetColumnNameHelperService.java
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Found in path(s):

1.199 error_prone_annotations 2.23.0

1.199.1 Available under license :

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Manifest-Version: 1.0

Created-By: Maven JAR Plugin 3.2.2

Build-Jdk-Spec: 17

Automatic-Module-Name: com.google.errorprone.annotations

Bundle-Description: Error Prone is a static analysis tool for Java that catches common programming mistakes at compile-time.

Bundle-DocURL: https://errorprone.info/error_prone_annotations

Bundle-License: "Apache 2.0";link="http://www.apache.org/licenses/LICENSE-2.0.txt"

Bundle-ManifestVersion: 2

Bundle-Name: error-prone annotations

Bundle-SCM: url="https://github.com/google/error-prone/error_prone_annotations",connection="scm:git:https://github.com/google/error-prone.git/error_prone_annotations",developer-connection="scm:git:git@github.com:google/error-prone.git/error_prone_annotations",tag=HEAD

Bundle-SymbolicName: com.google.errorprone.annotations

Bundle-Vendor: Google LLC

Bundle-Version: 2.23.0

Export-Package: com.google.errorprone.annotations;uses="javax.lang.model.element";version="2.23.0",com.google.errorprone.annotations.concurrent;version="2.23.0"

Import-Package: javax.lang.model.element

Require-Capability: osgi.ee;filter="(&(osgi.ee=JavaSE)(version=1.8))"

Found in path(s):

* /error-prone-annotations-2-23-0-4-jar/META-INF/MANIFEST.MF

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-->

Found in path(s):

* /error-prone-annotations-2-23-0-4-jar/META-

INF/maven/com.google.errorprone/error_prone_annotations/pom.xml

1.200 opentelemetry-semconv 1.29.0-alpha

1.200.1 Available under license :

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1.201 opentelemetry-sdk-extension-autoconfigure-spi 1.29.0

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1.202 jackson-dataformat-yaml 2.17.1

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.

It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers.

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1.203 dagger 2.4

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* /dagger-2-4-sources-2-jar/dagger/Provides.java
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* /dagger-2-4-sources-2-jar/dagger/Module.java

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* /dagger-2-4-sources-2-jar/dagger/Binds.java

* /dagger-2-4-sources-2-jar/dagger/multibindings/IntoMap.java

* /dagger-2-4-sources-2-jar/dagger/internal/DoubleCheck.java

* /dagger-2-4-sources-2-jar/dagger/Reusable.java

* /dagger-2-4-sources-2-jar/dagger/internal/Preconditions.java

* /dagger-2-4-sources-2-jar/dagger/internal/ProviderOfLazy.java

*

*/dagger-2-4-sources-2-jar/dagger/multibindings/package-info.java

* /dagger-2-4-sources-2-jar/dagger/multibindings/IntoSet.java

* /dagger-2-4-sources-2-jar/dagger/multibindings/ElementsIntoSet.java

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* /dagger-2-4-sources-2-jar/dagger/MapKey.java

* /dagger-2-4-sources-2-jar/dagger/internal/MapFactory.java

* /dagger-2-4-sources-2-jar/dagger/internal/SingleCheck.java

* /dagger-2-4-sources-2-jar/dagger/internal/MapProviderFactory.java

* /dagger-2-4-sources-2-jar/dagger/internal/InstanceFactory.java

*

*/dagger-2-4-sources-2-jar/dagger/internal/SetFactory.java

* /dagger-2-4-sources-2-jar/dagger/internal/Collections.java

* /dagger-2-4-sources-2-jar/dagger/Component.java

* /dagger-2-4-sources-2-jar/dagger/internal/DelegateFactory.java

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* /dagger-2-4-sources-2-jar/dagger/Multibindings.java

* /dagger-2-4-sources-2-jar/dagger/internal/Beta.java

* /dagger-2-4-sources-2-jar/dagger/multibindings/StringKey.java

* /dagger-2-4-sources-2-jar/dagger/package-info.java

* /dagger-2-4-sources-2-jar/dagger/Subcomponent.java

* /dagger-2-4-sources-2-jar/dagger/multibindings/ClassKey.java

*

/dagger-2-4-sources-2-jar/dagger/multibindings/IntKey.java

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1.204 classgraph 4.8.174

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* This file is part of ClassGraph.

*

* Author: R. Kempees

*

* With contributions from @cpierceworld (#414)

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 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/reflection/StandardReflectionDriver.java
 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/reflection/JVMDriverReflectionDriver.java
 * /classgraph-4-8-174-sources-1-
 jar/nonapi/io/github/classgraph/classloaderhandler/CxfContainerClassLoaderHandler.java
 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/reflection/ReflectionDriver.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/CloseableByteBuffer.java

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* This file is part of ClassGraph.

*

* Author: Johno Crawford (johno@sulake.com)

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* Hosted at: <https://github.com/classgraph/classgraph>

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Found in path(s):

```

* /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ResourceList.java

```

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```

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* This file is part of ClassGraph.
*
* Author: Luke Hutchison
*
* Hosted at: https://github.com/classgraph/classgraph
*
* --
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Found in path(s):

* /classgraph-4-8-174-sources-1-jar/io/github/classgraph/MappableInfoList.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/MethodInfoList.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ModulePathInfo.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassInfo.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/Resource.java
 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/recycler/RecycleOnClose.java
 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/types/ParseException.java
 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/JSONDeserializer.java
 *
 /classgraph-4-8-174-sources-1-jar/io/github/classgraph/InfoList.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/MethodParameterInfo.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassRefOrTypeVariableSignature.java
 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classloaderhandler/JPMSCClassLoaderHandler.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassTypeSignature.java
 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/AnnotationInfoList.java
 * /classgraph-4-8-174-sources-1-
 jar/nonapi/io/github/classgraph/classloaderhandler/WeblogicClassLoaderHandler.java
 * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/concurrency/InterruptChecker.java
 * /classgraph-4-8-174-sources-1-
 jar/nonapi/io/github/classgraph/classloaderhandler/FallbackClassLoaderHandler.java
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 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/HasName.java
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 * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassRefTypeSignature.java
 * /classgraph-4-8-174-sources-1-
 jar/nonapi/io/github/classgraph/classloaderhandler/TomcatWebappClassLoaderBaseHandler.java
 * /classgraph-4-8-174-sources-1-
 jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxClassLoaderHandler.java

- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ModuleInfo.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/PotentiallyUnmodifiableList.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/FastPathResolver.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/BaseTypeSignature.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classpath/ClassLoaderOrder.java
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- /classgraph-4-8-174-sources-1-jar/io/github/classgraph/FieldInfoList.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/LogNode.java
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- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/TypeArgument.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/FastZipEntry.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/TypeResolutions.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/CollectionUtils.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassGraphException.java
- * /classgraph-4-8-174-sources-1-
- jar/nonapi/io/github/classgraph/classloaderhandler/ClassGraphClassLoaderHandler.java
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- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassGraphClassLoader.java
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- /classgraph-4-8-174-sources-1-jar/io/github/classgraph/TypeVariableSignature.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/FileUtils.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/MethodInfo.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classpath/ClassLoaderFinder.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/PhysicalZipFile.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassMemberInfo.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/recycler/Resettable.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ScanResultObject.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/JSONSerializer.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/recycler/Recycler.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/JSONParser.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classpath/ClasspathOrder.java
- *
- /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/concurrency/SingletonMap.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/TypeParameter.java
- * /classgraph-4-8-174-sources-1-
- jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxContextFinderClassLoaderHandler.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/NestedJarHandler.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/StringUtils.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classpath/SystemJarFinder.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ModuleReaderProxy.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/Scanner.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classpath/ModuleFinder.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/ProxyingInputStream.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/JSONReference.java
- *
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- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/Classfile.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClasspathElementDir.java

- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ArrayTypeSignature.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/scanspec/ScanSpec.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/ReferenceEqualityKey.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClasspathElement.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/AnnotationParameterValue.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ModuleRef.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/JarUtils.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/ClassFieldCache.java
- *
- /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/ZipFileSlice.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ReferenceTypeSignature.java
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- jar/nonapi/io/github/classgraph/classloaderhandler/PlexusClassWorldsClassRealmClassLoaderHandler.java
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- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classpath/ClasspathFinder.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classpath/CallStackReader.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/TypeSignature.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/ClassFields.java
- * /classgraph-4-8-174-sources-1-
- jar/nonapi/io/github/classgraph/classloaderhandler/OSGiDefaultClassLoaderHandler.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/AnnotationEnumValue.java
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- *
- /classgraph-4-8-174-sources-1-jar/io/github/classgraph/PackageInfo.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/reflection/ReflectionUtils.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/FieldInfo.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/types/TypeUtils.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/concurrency/WorkQueue.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/JSONArray.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/scanspec/AcceptReject.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/LogicalZipFile.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/FieldTypeInfo.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/JSONObject.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/types/Parser.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/AnnotationClassRef.java
- *
- /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/URLPathEncoder.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/GraphvizDotfileGenerator.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ModuleInfoList.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassInfoList.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ArrayClassInfo.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/PackageInfoList.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClassGraph.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classloaderhandler/ClassLoaderHandler.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/Utils/VersionFinder.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/MethodTypeSignature.java
- * /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ScanResult.java
- * /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/json/JSONUtils.java

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*
/classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClasspathElementZip.java
* /classgraph-4-8-174-sources-1-
jar/nonapi/io/github/classgraph/classloaderhandler/ClassLoaderHandlerRegistry.java
* /classgraph-4-8-174-sources-1-jar/io/github/classgraph/ClasspathElementModule.java
* /classgraph-4-8-174-sources-1-jar/io/github/classgraph/AnnotationInfo.java
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*
* Hosted at: https://github.com/classgraph/classgraph
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* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/SequentialReader.java
* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/ArraySlice.java
* /classgraph-4-8-174-sources-1-
jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessFileChannelReader.java
* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/ClassfileReader.java
* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessArrayReader.java

```

* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessReader.java
* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/PathSlice.java
*
/classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/FileSlice.java
* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/Slice.java
* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessByteBufferReader.java
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*
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*
* Hosted at: <https://github.com/classgraph/classgraph>
*
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* /classgraph-4-8-174-sources-1-jar/nonapi/io/github/classgraph/classloaderhandler/FelixClassLoaderHandler.java
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Found in path(s):

* /classgraph-4-8-174-sources-1-jar/META-INF/maven/io.github.classgraph/classgraph/pom.xml

1.205 jackson-dataformat-yaml 2.18.1

1.205.1 Available under license :

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Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007. It is currently developed by a community of developers.

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1.206 jackson-annotations 2.18.1

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library.
It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has
been in development since 2007.
It is currently developed by a community of developers.

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A list of contributors may be found from CREDITS(-2.x) file, which is included
in some artifacts (usually source distributions); but is always available
from the source code management (SCM) system project uses.

1.207 mvel2 2.5.2.Final

1.207.1 Available under license :

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Found in path(s):

- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Frame.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Opcodes.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Label.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassVisitor.java
- *
- /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassReader.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/CurrentFrame.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/AnnotationVisitor.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/RecordComponentWriter.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ByteVector.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Context.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Handler.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/AnnotationWriter.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Edge.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ConstantDynamic.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Attribute.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Type.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Handle.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Constants.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ModuleWriter.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/MethodWriter.java
- *
- /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/RecordComponentVisitor.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/TypePath.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/SignatureReader.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassTooLargeException.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/TypeReference.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/FieldVisitor.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/MethodTooLargeException.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ModuleVisitor.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/ClassWriter.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/Symbol.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/SymbolTable.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/SignatureWriter.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/MethodVisitor.java
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/FieldWriter.java

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- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/package.html
- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/package.html

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- * /mvel2-2-5-2-final-sources-1-jar/org/mvel2/asm/signature/SignatureVisitor.java

1.208 error_prone_annotations 2.36.0

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Found in path(s):

```
 * /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/concurrent/GuardedBy.java
 * /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/DoNotCall.java
 * /error-prone-annotations-2-36-0-sources-1-
jar/com/google/errorprone/annotations/OverridingMethodsMustInvokeSuper.java
 *
 /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/CheckReturnValue.java
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```
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/Modifier.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/InlineMe.java
* /error-prone-annotations-2-36-0-sources-1-
jar/com/google/errorprone/annotations/InlineMeValidationDisabled.java
```

```
*
/error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/Keep.java
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* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/ThreadSafe.java
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Found in path(s):

```
* /error-prone-annotations-2-36-0-sources-1-jar/META-
INF/maven/com.google.errorprone/error_prone_annotations/pom.xml
```


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Found in path(s):

```
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/NoAllocation.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/concurrent/UnlockMethod.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/concurrent/LockMethod.java
```

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```

Found in path(s):

```
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/CompileTimeConstant.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/ForOverride.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/concurrent/LazyInit.java
*
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/IncompatibleModifiers.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/Var.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/SuppressPackageLocation.java
```

* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/Immutable.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/RequiredModifiers.java
* /error-prone-annotations-2-36-0-sources-1-jar/module-info.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/CanIgnoreReturnValue.java
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* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/FormatString.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/CompatibleWith.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/MustBeClosed.java
*
/error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/FormatMethod.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/DoNotMock.java
* /error-prone-annotations-2-36-0-sources-1-jar/com/google/errorprone/annotations/RestrictedApi.java

1.209 mariadb-java-client 3.3.3

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Manifest-Version: 1.0

Created-By: 11.0.21 (Ubuntu)

Build-Jdk-Spec: 11

Export-Package: org.mariadb.jdbc;uses:="javax.sql,javax.transaction.xa,org.mariadb.jdbc.client,org.mariadb.jdbc.client.util,org.mariadb.jdbc.export,org.mariadb.jdbc.plugin,org.mariadb.jdbc.util.constants";version="3.3.3",org.mariadb.jdbc.client;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.export,org.mariadb.jdbc.message";version="3.3.3",org.mariadb.jdbc.client.util;uses:="org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket";version="3.3.3",org.mariadb.jdbc.util.constants;version="3.3.3",org.mariadb.jdbc.client.socket;uses:="org.mariadb

.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.util";version="3.3.3",org.mariadb.jdbc.message;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.client.util,org.mariadb.jdbc.export";version="3.3.3",org.mariadb.jdbc.type;uses:="org.mariadb.jdbc.client";version="3.3.3",org.mariadb.jdbc.export;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client";version="3.3.3",org.mariadb.jdbc.plugin;uses:="javax.net.ssl,org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.client.util,org.mariadb.jdbc.export";version="3.3.3",org.mariadb.jdbc.plugin.codec;uses:="org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.client.util,org.mariadb.jdbc.plugin,org.mariadb.jdbc.type";version="3.3.3",org.mariadb.jdbc.plugin.authentication.standard;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.plugin";version="3.3.3",org.mariadb.jdbc.plugin.authentication.addon;uses:="org.mariadb.jdbc,org.mariadb.jdbc.client,org.mariadb.jdbc.client.socket,org.mariadb.jdbc.plugin";version="3.3.3",org.mariadb.jdbc.plugin.credential.aws;uses:="org.mariadb.jdbc,org.mariadb.jdbc.plugin";version="3.3.3",org.mariadb.jdbc.plugin.credential.env;uses:="org.mariadb.jdbc,org.mariadb.jdbc.plugin";version="3.3.3",org.mariadb.jdbc.plugin.credential.system;uses:="org.mariadb.jdbc,org.mariadb.jdbc.plugin";version="3.3.3",org.mariadb.jdbc.plugin.tls.main;uses:="javax.net.ssl,org.mariadb.jdbc,org.mariadb.jdbc.export,org.mariadb.jdbc.plugin";version="3.3.3"

Import-Package: javax.naming,javax.naming.ldap,javax.management,javax.sql,org.slf4j;resolution:=optional;version="[2.0,3)",javax.net;resolution:=optional,javax.net.ssl;resolution:=optional,com.sun.jna;resolution:=optional;version="[5.13,6)",com.sun.jna.platform.win32;resolution:=optional;version="[5.13,6)",javax.transaction.xa;resolution:=optional,waffle.windows.auth;resolution:=optional,waffle.windows.auth.impl;resolution:=optional,org.ietf.jgss;resolution:=optional,javax.crypto;resolution:=optional,javax.security.auth.login;resolution:=optional,javax.security.auth.x500;resolution:=optional,software.amazon.awssdk.auth.credentials;resolution:=optional,software.amazon.awssdk.regions;resolution:=optional,software.amazon.awssdk.regions.providers;resolution:=optional,software.amazon.awssdk.services.rds;resolution:=optional,software.amazon.awssdk.services.rds.model;resolution:=optional

Multi-Release: true

Bnd-LastModified: 1707513898048

Bundle-Description: JDBC driver for MariaDB and MySQL

Bundle-Developers: mariadbJdbcDevelopers;name="mariadb jdbc developers"

Bundle-DocURL: <https://mariadb.com/kb/en/mariadb/about-mariadb-connector-j/>

Bundle-License: "LGPL-2.1"

Bundle-ManifestVersion: 2

Bundle-Name: mariadb-java-client

Bundle-SCM: url="https://github.com/mariadb-corporation/mariadb-connector-j",connection="scm:git:git://github.com/mariadb-corporation/mariadb-connector-j.git",developer-connection="scm:git:git@github.com:MariaDB/ma

riadb-connector-j.git",tag=HEAD
Bundle-SymbolicName: mariadb-java-client
Bundle-Vendor: mariadb.com
Bundle-Version: 3.3.3
Private-Package: org.mariadb.jdbc.client.column,org.mariadb.jdbc.client.
context,org.mariadb.jdbc.client.impl,org.mariadb.jdbc.client.result,org
.mariadb.jdbc.client.result.rowdecoder,org.mariadb.jdbc.client.socket.i
mpl,org.mariadb.jdbc.client.tls,org.mariadb.jdbc.codec,org.mariadb.jdbc
.message.client,org.mariadb.jdbc.message.server,org.mariadb.jdbc.messag
e.server.util,org.mariadb.jdbc.plugin.authentication,org.mariadb.jdbc.p
lugin.authentication.addon.gssapi,org.mariadb.jdbc.plugin.authenticatio
n.standard.ed25519,org.mariadb.jdbc.plugin.authentication.standard.ed25
519.math,org.mariadb.jdbc.plugin.authentication.standard.ed25519.math.e
d25519,org.mariadb.jdbc.plugin.authentication.standard.ed25519.spec,org
.mariadb.jdbc.plugin.credential,org.mariadb.jdbc.plugin.tls,org.mariadb
.jdbc.pool,org.mariadb.jdbc.util,org.mariadb.jdbc.util.log,org.mariadb.
jdbc.util.options
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-6.3.1.202206071316

Found in path(s):

* /mariadb-java-client-3-3-3-jar/META-INF/MANIFEST.MF

1.210 compiler 0.9.13

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1.211 flightrecorder 8.3.1

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```

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```
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*  
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/messages.properties  
* /flightrecorder-8-3-1-sources-  
jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/messages_ja.properties  
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/messages/internal/messages.properties  
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/messages_ja.properties  
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/messages.properties  
* /flightrecorder-8-3-1-sources-  
jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/messages_zh_CN.properties  
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/messages_zh_CN.properties
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*

/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/IEventSink.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/IArrayElementParser.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/IPoolFactory.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/Offset.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/ValueDescriptor.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/DataStructureParser.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/memleak/ReferenceTreeModel.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/NotEnoughMemoryException.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/MethodFactory.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/filter/IOnLoadFilter.java

*

/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/StringReader.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ChunkStructure.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ConstantReader.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ArrayReader.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/IChunkLoader.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/model/Transition.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/InvalidJfrFileException.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/UTFStringParser.java
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 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/EventTypeParser.java
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 * /flightrecorder-8-3-1-sources-
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 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/util/CanonicalConstantMap.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/FrameSeparator.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/NumberReaders.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/util/DataInputToolkit.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/CouldNotLoadRecordingException.java
 * /flightrecorder-8-3-1-sources-
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 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/ChunkMetadata.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/JdkQueries.java
 * /flightrecorder-8-3-1-sources-
 jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/OSThreadFactory.java

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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/BooleanReader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/util/JfrInternalConstants.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/StacktraceFormatToolkit.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/messages/internal/Messages.java
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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ReaderFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/JfrAttributes.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/RepositoryBuilder.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/IEventSinkFactory.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/ChunkInfo.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/IChunkSupplier.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/VersionNotSupportedException.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/Chunk.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/CompositeReader.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/ItemBuilder.java
*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/filter/FilterExtension.java
* /flightrecorder-8-3-1-sources-
jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/factories/GlobalObjectPool.java

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*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/tree/Node.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/SpecificReaders.java
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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/IConstantPoolExtension.java
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/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/JdkAttributes.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/StacktraceModel.java
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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/messages/internal/messages_zh_CN.properties
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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ChunkLoaderV0.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/ChunkLoaderV1.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/SyntheticAttributeExtension.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/TypeManager.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/messages/internal/Messages.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/memleak/ReferenceTreeObject.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/JdkAggregators.java

* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/util/ChunkReader.java

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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/ParserExtensionRegistry.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/RecordingPrinter.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/StructTypes.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/IDataInput.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/JdkFilters.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v1/SeekableInputStream.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/util/DisjointBuilder.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/JfrLoaderToolkit.java
*
/flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/jdk/JdkTypeIDs.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/ConstantEntryList.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/synthetic/SettingsTransformer.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/EventAppearance.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/parser/IParserExtension.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/LoaderContext.java
* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/internal/parser/v0/EventParserManager.java
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 *
 /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/graph/AggregatableFrame.java
 * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/tree/AggregatableFrame.java
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- *
- /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/graph/Edge.java
- * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/graph/Node.java
- * /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/graph/Pruning.java

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* /flightrecorder-8-3-1-sources-jar/org/openjdk/jmc/flightrecorder/stacktrace/messages_zh_CN.properties

1.212 common 8.3.1

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Lists of 45 third-party dependencies.

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 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/Option.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/IResolver.java
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 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/StringConverter.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/ServerConnection.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/CodeSwitcher.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/TransferCommon.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/TransferTable.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/index/NodeAVL.java
 - *
 - /hsqldb-2-7-3-sources-2-jar/org/hsqldb/index/IndexAVLMemory.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RowAVLDisk.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RowAVL.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/SQLStatements.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/Grid.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/DatabaseManagerCommon.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/Transfer.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/index/IndexAVL.java
 - * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/Tree.java
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*? lists PL commands.

/? displays help on how to set and use macros (incl. functions).

SPECIAL Commands begin with '\' and execute when you hit ENTER.

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*/

/**

* Comprehensive information about the database as a whole.

* <P>

* This interface is implemented by driver vendors to let users know the capabilities

* of a Database Management System (DBMS) in combination with

* the driver based on JDBC technology

* ("JDBC driver") that is used with it. Different relational DBMSs often support

- * different features, implement features in different ways, and use different
- * data types. In addition, a driver may implement a feature on top of what the
- * DBMS offers. Information returned by methods in this interface applies
- * to the capabilities of a particular driver and a particular DBMS working
- * together. Note that as used in this documentation, the term "database" is
- * used generically to refer to both the driver and DBMS.

* <P>

* A user for this interface is commonly a tool that needs to discover how to

- * deal with the underlying DBMS. This is especially true for applications
- * that are intended to be used with more than one DBMS. For example, a tool might use the method
- * {@code getTypeInfo} to find out what data types can be used in a
- * {@code CREATE TABLE} statement. Or a user might call the method
- * {@code supportsCorrelatedSubqueries} to see if it is possible to use
- * a correlated subquery or {@code supportsBatchUpdates} to see if it is
- * possible
- * to use batch updates.

* <P>

* Some {@code DatabaseMetaData} methods return lists of information

- * in the form of {@code ResultSet} objects.
- * Regular {@code ResultSet} methods, such as
- * {@code getString} and {@code getInt}, can be used
- * to retrieve the data from these {@code ResultSet} objects. If
- * a given form of metadata is not available, an empty {@code ResultSet}
- * will be returned. Additional columns beyond the columns defined to be
- * returned by the {@code ResultSet} object for a given method
- * can be defined by the JDBC driver vendor and must be accessed
- * by their column label.

* <P>

* Some {@code DatabaseMetaData} methods take arguments that are

- * String patterns. These arguments all have names such as fooPattern.
- * Within a pattern String, "%" means match any substring of 0 or more
- * characters, and "_" means match any one character. Only metadata
- * entries matching the search pattern are returned. If a search pattern
- * argument is set to {@code
- * null}, that argument's criterion will
- * be dropped from the search.

* <!-- start release-specific documentation -->

* <div class="ReleaseSpecificDocumentation">

* <p class="rshead">HSQLDB-Specific Information:</p>

* <p class="rshead2">Metadata Table Production</p>

* Starting with HSQLDB 1.7.2, the metadata table (a.k.a system table) production

- * implementation provided in the default build filters metadata based on each
- * SQL session user's access rights which in turn lifts the pre-HSQLDB 1.7.2

- * restriction that only users with the DBA role
- * ('admin' users in older HSQLDB parlance) could expect trouble-free access to
- * all metadata.<p>
- *
- * Also starting with HSQLDB 1.7.2, the metadata table production implementation
- * classes are loaded dynamically, using a precedence policy to find and load
- * the richest producer available at runtime. In the event that no better
- * alternative is found, the default minimal (completely restricted) provider
- * is selected.
- Under this scheme, it is possible for third party packagers to
- * create custom distributions targeted at supporting full (design-time),
- * custom-written (proprietary / micro environment), minimal (production-time)
- * or completely-restricted (space-constrained | device embedded | real-time |
- * hostile environment) metadata table production scenarios. To learn more
- * about this option, interested parties can review the documentation and source
- * code for the {@code org.hsqldb.dbinfo.DatabaseInformation class}.<p>
- *
- * Please also note that in addition to the metadata tables produced to
- * directly support this class, starting with HSQLDB 1.7.2, the default build
- * provides many additional tables covering all or most HSQLDB features, such
- * as descriptions of the triggers and aliases defined in the database. <p>
- *
- * For instance, in the default build, a fairly comprehensive description of
- * each INFORMATION_SCHEMA table and each INFORMATION_SCHEMA table
- * column is included
- in the REMARKS column of the {@link #getTables(
- * java.lang.String, java.lang.String, java.lang.String, java.lang.String[])
- * getTables(...)} and {@link #getColumns(java.lang.String, java.lang.String,
- * java.lang.String, java.lang.String) getColumns(...)} results, which derive
- * from INFORMATION_SCHEMA.SYSTEM_TABLES and INFORMATION_SCHEMA.SYSTEM_COLUMNS,
- * respectively.<p>
- *
- * Since HSQLDB 2.0 the INFORMATION_SCHEMA views have been vastly expanded
- * in compliance with the SQL:2011 Standard and report the properties of all
- * database objects.</p>
- *
- * <p class="rshead2">Schema Metadata</p>
- *
- * The SQL SCHEMA concept became fully supported in the HSQLDB 1.8.x series and
- * this fact is reflected in the all subsequent versions of this class.
- *
- * <p class="rshead2">Catalog Metadata</p>
- *
- * Starting with HSQLDB 2.0, SQL standards compliance up to SQL:2008 and beyond
- * is a major theme which is reflected in the provision of the majority of the
- * standard-defined full-name
- INFORMATION_SCHEMA views. <p>
- *

- * However, just as CATALOG semantics and handling are still considered to be
- * implementation defined by the most recent SQL standard (SQL:2011), so is the
- * HSQLDB CATALOG concept still in the process of being defined and refined in
- * HSQLDB 2.x. and beyond.

- * Similarly, starting with HSQLDB 2.x, from the perspective
- * of SQL identification, an HSQLDB JDBC URL connects to a single HSQLDB
- * database instance which consists of a single, default CATALOG
- * named PUBLIC in which each SCHEMA instance of the database resides. The name of
- * this catalog can be changed with the ALTER CATALOG <name> RENAME TO statement.
- * As of version 2.1.0, HSQLDB supports qualification by the containing CATALOG of
- * database objects at the syntactic level, but does not yet support operations
- * such as opening, manipulating or querying against multiple database
- * catalogs within a single session, not even in a one-at-a-time fashion.

<p class="rshead2">Index
Metadata</p>

- * It must still be noted that as of the most recent release, HSQLDB continues
- * to ignore the {`approximate`} argument of {`getIndexInfo`
- * `getIndexInfo()`} as no data is returned for CARDINALITY and PAGES columns.

<p class="rshead2">Notes for developers extending metadata table production</p>

- * Note that in the absence of an ORDER BY clause, queries against the metadata
- * tables that directly support this class are expected to return rows in JDBC
- * contract order. The reason for this is that results typically come
- * back much faster when no "ORDER BY" clause is used.

- * As such, when adding, extending or replacing a JDBC database metadata table
- * production routine, developers need to be aware of this fact and either add the
- * contract "ORDER BY" clause to the driving SQL or, when possible,
- * preferably maintain rows in the contract order by correctly coding the
- * primary index definition in the table
- * producer class.

<hr>

- * (fredt@users)

- * (campbell-burnet@users)

</div>

<!-- end release-specific documentation -->

- * @author Campbell Burnet (campbell-burnet@users dot sourceforge.net)
- * @author Fred Toussi (fredt@users dot sourceforge.net)
- * @version 2.7.3
- * @since JDK 1.1 HSQLDB 1.9.0
- * @see org.hsqldb.dbinfo.DatabaseInformation

*/

Found in path(s):

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCDatabaseMetaData.java

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/**

* provides cross-package access to the proprietary (i.e. non-JDBC)

* HSQLDB session interface.

*

* @return the underlying sessionProxy for this connection

*/

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* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCConnection.java

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- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/SqlFile.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/LineType.java
- * /hsqldb-2-7-3-sources-2-jar/module-info.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/TarFileInputStream.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/SqltoolRB.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/TarReaderMain.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/SqlTool.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/BasicResolver.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/Tokenizer.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/SqlToolSprayer.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/package-info.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/Document.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/Line.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlConsoleHandler.java

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* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/BitMapCachedObject.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/Traceable.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RowIterator.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RandomAccessInterface.java

*

/hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/TypedComparator.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/package-info.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Server.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/package-info.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowInputInterface.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/Set.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/LobData.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/DataAccessPointException.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/CachedObject.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/TarMalformatException.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowInsertInterface.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/PersistentStoreCollection.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/StatementLineTypes.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DirectoryBlockCachedObject.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbcDriver.java

*

/hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/RB.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/sqltool/TokenSource.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/SqlToolError.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/JavaObjectData.java

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/ScriptReaderBase.java

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* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Trigger.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ReadWriteLockDummy.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/AuthFunctionBean.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TextFileReader.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/sqltool/FileRecordReader.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCConnectionEventListener.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/package-info.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntLookup.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/RefCapableRBInterface.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/trigger/package-info.java
*
/hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/package-info.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/JavaObjectDataInternal.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/List.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/package-info.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RangeIterator.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/Notified.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/TarHeaderField.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/HelperFactory.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/sqltool/Calculator.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/sqltool/Token.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/sqltool/TokenList.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SetFunction.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/PrimitiveIterator.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/LongPair.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/sqltool.flex
*
/hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/package-info.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/IntArrayCachedObject.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RangeGroup.java
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 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/InputStreamInterface.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DataSpaceManagerBlocks.java
 *
 /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TransactionManagerMV2PL.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/CharArrayWriter.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/ScriptReaderText.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/OrderedLongKeyHashMap.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementHandler.java
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 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SetFunctionValueArray.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/JDBCXAConnection.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DataSpaceManagerSimple.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/GroupSet.java
 *
 /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionPeriodOp.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TextFileReader8.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BlobDataID.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/result/ResultProperties.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ParserBase.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LongLookup.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionColumnAccessor.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/QuerySpecification.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TransactionManager.java
 * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/TimestampData.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowStoreAVLHybridExtended.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Database.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RAFileInJar.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/BlockObjectStore.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/RecoverableOdbcFailure.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/NumberType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/DTITType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BlobData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/index/Index.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/dbinfo/DITableInfo.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/index/IndexAVLCheck.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionAggregate.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/LobStore.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/map/BaseHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/map/ValuePool.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RAFileNIO.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TableSpaceManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCUtil.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/DatabaseManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/FileArchiver.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementSimple.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/AuthUtils.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntIndex.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionAccessor.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/LdapAuthBeanTester.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SessionContext.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCCallableStatement.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/ScriptLoader.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rights/GrantConstants.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/KMPSearchAlgorithm.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BooleanType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/TransferSQLText.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/MainInvoker.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/ScriptWriterText.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/Preprocessor.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/ServerAcl.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/SimpleStore.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/MultiValueHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/result/ResultLob.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/OdbcUtil.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowInputText.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/StopWatch.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/InOutUtil.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ParserRoutine.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/RefCapablePropertyResourceBundle.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TextFileReader16.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/index/NodeAVLDiskLarge.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/map/BitMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/ArrayType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCClobClient.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/PIFData.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DoubleIntArrayCachedObject.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/TransferDb.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/FontDialogSwing.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DataFileDefrag.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/ServerConfiguration.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/JDBCPooledConnection.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ArrayListIdentity.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/LockFile.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCParameterMetaData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BlobType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowInputBinaryDecode.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RangeVariable.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RowDiskDataChange.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/OpTypes.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RoutineSchema.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowStoreAVLHybrid.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementSession.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BinaryData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/ConnectionSetting.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/StatementPortal.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/HsqlSocketFactory.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementDML.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LineReader.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/PIFGenerator.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionValue.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/result/Result.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rights/UserManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementSignal.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/Map.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TextTable.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HashSet.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/map/ValuePoolHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TablePeriodWorks.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/result/ResultConstants.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/CountdownInputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/StringUtil.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TextCache.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SortAndSlice.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/OrderedHashSet.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Constraint.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ParserDQL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/Crypto.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/FunctionCustom.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/TimeData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionBoolean.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BinaryUUIDType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowOutputBase.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/PeriodDefinition.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/PersistentStoreCollectionSession.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/HsqlSocketFactorySecure.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/ScriptWriterBase.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/Type.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/DatabaseURL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/trigger/Trigger.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowStoreAVLMemory.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/FileAccessRes.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementCompound.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/Server.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/result/ResultMetaData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/DateTimeType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/IntervalSecondData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/StringInputStream.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ArrayUtil.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TransactionManagerCommon.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/HsqlServerFactory.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementProcedure.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCStatementBase.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ParserCommand.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/DoubleIntIndex.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/map/HashIndex.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/DateFormat.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/HsqlNameManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Scanner.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Expression.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RowActionBase.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TableDerived.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/ClobType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowStoreAVLDiskData.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/OrderedIntKeyHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionOrderBy.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementTypes.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/ConnectionDialogSwing.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementSchemaDefinition.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/ConnectionDialogCommon.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TableWorks.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCStatement.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RowSetNavigatorData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/DatabaseType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/Defines.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/FunctionSQL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCColumnMetaData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ClosableByteArrayOutputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rights/User.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/TransferResultSet.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlByteArrayInputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/TarGenerator.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBClobFile.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LongKeyLongValueHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowOutputText.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementQuery.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/RowType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/FileUtil.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/Types.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/AppendableException.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/TarFileOutputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/CountUpDownLatch.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/PersistentStore.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TextTableStorageManager.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ArrayCounter.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowOutputBinaryEncode.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rights/Right.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TableSpaceManagerSimple.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/LobManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/Collection.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/java/package-info.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RAFile.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SetFunctionValueUser.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/AsciiOutputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RowSetNavigatorDataTable.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SessionData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/FilteredIterator.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ObjectComparator.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/IntervalType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionLogical.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/PgType.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ScannerSearchAlgorithm.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/JDBCXAConnectionWrapper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SetFunctionValueAggregate.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/Collation.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LineGroupReader.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlHeap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionPeriod.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/HsqlDatabaseProperties.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementResultUpdate.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ParserDML.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/DataOutputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RowAVLDiskData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCSavepoint.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TypeInvariants.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/OdbcPacketInputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlArrayList.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowStoreAVLDisk.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DataFileCache.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/OdbcPacketOutputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntKeyLongValueHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionJSON.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/FunctionSQLInvoked.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/ScriptReaderDecode.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SchemaManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementSet.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlArrayHeap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/error/Error.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCDataSourceFactory.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/OrderedLongHashSet.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RowSetNavigatorDataChangeMemory.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCBlob.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/JaasAuthBean.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RowAVLDiskLarge.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/CommonSwing.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ColumnBase.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Table.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TextFileSettings.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/GridSwing.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowInputBinary.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/EventLogInterface.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/OrderedIntHashSet.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/JDBCXID.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TransactionManagerMVCC.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/StringComparator.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/AsciiInputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ArraySort.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ClosableCharArrayWriter.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCArray.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RAFileHybrid.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntKeyHashMapConcurrent.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/index/IndexStats.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCBlobFile.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowOutputTextQuoted.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlTimer.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/Log.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCClob.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlByteArrayOutputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Statement.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TextFileOps.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/ConnectionDialog.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/PostgresTransferHelper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowInsertVersioning.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/SqlServerTransferHelper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/dbinfo/DatabaseInformation.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowInputTextQuoted.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/dbinfo/DatabaseInformationMain.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LongKeyHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Token.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/FrameworkLogger.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rights/GranteeManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JBCDriver.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/JDBC pooled DataSource.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RowSetNavigator.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementCursor.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowInsertSimple.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/HsqldbTransferHelper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementDMQL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowInputTextLog.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementExpression.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SessionManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntKeyIntValueHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ColumnSchema.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlDeque.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCDataSource.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/DataAccessPoint.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/LobStoreMem.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/JDBCXADataSource.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ClientConnection.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/JDBCTypes.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowOutputTextLog.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntHashSet.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCNClob.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntKeyHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/NumberSequence.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionArithmetic.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/TarReader.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/OdbcPreparedStatement.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/ClobData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TableBase.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SchemaObjectSet.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ReferenceObject.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/BaseList.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/CharacterType.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowInputBase.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SchemaObject.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCSQLXML.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LongKeyIntValueHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCPool.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/java/JavaSystem.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementSchema.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCResultSet.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DataSpaceManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/resources/ResourceBundleHandler.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/ScriptWriterTextColumnNames.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/DbBackupMain.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/HsqlSocketRequestHandler.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCBlobClient.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/ServerProperties.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/CSVWriter.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCArrayBasic.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ValidatingResourceBundle.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/QueryExpression.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowStoreAVL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/DoubleLongIndex.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/View.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionLike.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/InputStreamWrapper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/error/ErrorCode.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TransactionManager2PL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/WrapperIterator.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowOutputBinary.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/preprocessor/package-info.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/HsqlSlaveAuthBean.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionOp.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LongValueHashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RAFileSimple.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/OracleTransferHelper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/MapEntry.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TriggerDef.java

- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/UserTypeModifier.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RowSetNavigatorClient.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/RowStoreDataChange.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/ServerConstants.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Schema.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RangeVariableResolver.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/DatabaseManagerSwing.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/RowAction.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TableUtil.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCRowId.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/HsqlException.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rights/Grantee.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/LobStoreRAFile.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/IntervalMonthData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/tar/DbBackup.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementManager.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/dbinfo/DatabaseInformationFull.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HashMap.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/LobStoreInJar.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ParserDDL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/TransferHelper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/TriggerDefSQL.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/server/WebServerConnection.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BlobInputStream.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCCommonDataSource.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Session.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/Routine.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/BasicTextJdkLogFormatter.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/ScriptRunner.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/HsqlDateTime.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCPreparedStatement.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementCommand.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/DenyException.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/HsqlProperties.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/JDBCResultSetMetaData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/SimpleLog.java
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- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/package-info.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/LongDeque.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/ReaderInputStream.java
- *
- /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/RCData.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/InformixTransferHelper.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/Iterator.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/Logger.java
- * /hsqldb-2-7-3-sources-2-jar/org/hsqldb/navigator/RowSetNavigatorDataChange.java

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* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/Cache.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/ClobDataID.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/rowio/RowOutputInterface.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/OtherType.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/scriptio/ScriptWriterEncode.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ClientConnectionHTTP.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BitType.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionArrayAggregate.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionColumn.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/auth/LdapAuthBean.java
*
/hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/IntValueHashMap.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/NumberFormat.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/jdbc/pool/JDBCXAResource.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/StatementInsert.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/TableSpaceManagerBlocks.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/Charset.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlThreadFactory.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/SessionInterface.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/NullType.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/OrderedHashMap.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/util/DatabaseManager.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/CachedObjectBase.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/ClobInputStream.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/AbstractReadOnlyCollection.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/ExpressionTable.java
*
/hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/PersistentStoreCollectionDatabase.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/persist/DataFileCacheSession.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/types/BinaryType.java
* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/lib/HsqlTaskQueue.java
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Found in path(s):

* /hsqldb-2-7-3-sources-2-jar/org/hsqldb/cmdline/sqltool/SqlFileScanner.java

1.214 jetty-util 9.4.57.v20241219

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Eclipse

The following artifacts are EPL.

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

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

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

* java.sun.security.ssl

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

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

OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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

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1.215 jetty-xml 9.4.57.v20241219

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

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

Oracle OpenJDK

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

- * java.sun.security.ssl

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

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

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

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

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

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

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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1.216 jetty-webapp 9.4.57.v20241219

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* javax.annotation:javax.annotation-api

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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

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org.apache.tomcat:tomcat-util

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The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

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

* java.sun.security.ssl

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

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

OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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

org.mortbay.jasper:apache-jsp

org.apache.tomcat:tomcat-jasper

org.apache.tomcat:tomcat-juli

org.apache.tomcat:tomcat-jsp-api

org.apache.tomcat:tomcat-el-api

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-api

org.apache.tomcat:tomcat-util-scan

org.apache.tomcat:tomcat-util

org.mortbay.jasper:apache-el

org.apache.tomcat:tomcat-jasper-el

org.apache.tomcat:tomcat-el-api

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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

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1.218 jetty-util-ajax 9.4.57.v20241219

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Eclipse

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

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

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

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

- * java.sun.security.ssl

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

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

OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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

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1.220 jackson-xc 2.18.1

1.220.1 Available under license :

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1.221 netty 4.1.118.Final

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Found in path(s):

`*/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/SuppressJava6Requirement.java`

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 */
```

Found in path(s):

- * /netty-common-4-1-118-final-sources-jar/io/netty/util/NetUtilInitializations.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/DomainWildcardMappingBuilder.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/NetUtilSubstitutions.java

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*/

Found in path(s):

- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpSCLinkedQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/BaseSpSCLinkedArrayQueue.java
- *
- /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscCompoundQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscUnboundedArrayQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCUnboundedUnpaddedArrayQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/ConcurrentCircularUnpaddedArrayQueue.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeRefArrayAccess.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/ConcurrentCircularArrayQueue.java
- *
- /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/IndexedQueueSizeUtil.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SpmcArrayQueue.java
- * /netty-common-4-1-118-final-sources-

```

jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpSCChunkedAtomicArrayQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpscArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeLongArrayAccess.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/NonBlockingSetInt.java
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* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/BaseSpSCLinkedUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
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* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/MpscUnboundedUnpaddedArrayQueue.java
*
/netty-common-4-1-118-final-sources-
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/SupportsIterator.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/MpscUnboundedAtomicUnpaddedArrayQueue.

```

```

java
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* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/MpscChunkedUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/SpscChunkedAtomicUnpaddedArrayQueue.java
a
*
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* /netty-common-4-1-118-final-sources-
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* /netty-common-4-1-118-final-sources-
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*
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* /netty-common-4-1-118-final-sources-
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ava
* /netty-common-4-1-118-final-sources-

```

```

jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpSCAtomicArrayQueue.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/AbstractEntry.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/util/UnsafeJvmInfo.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/package-info.java
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jar/io/netty/util/internal/shaded/org/jctools/queues/BaseMpscLinkedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCChunkedUnpaddedArrayQueue.java

```

```

* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/MpscChunkedArrayQueue.java
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* /netty-common-4-1-118-final-sources-
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*
/netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCGrowableUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/SpSCChunkedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/SpSCGrowableAtomicArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCLinkedUnpaddedQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/unpadded/SpSCUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/queues/MpmcArrayQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/shaded/org/jctools/maps/package-info.java
*
/netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/unpadded/SpSCAtomicUnpaddedArrayQueue.java
* /netty-common-4-1-118-final-sources-
jar/io/netty/util/internal/shaded/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
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```

* /netty-common-4-1-118-final-sources-jar/META-
INF/services/reactor.blockhound.integration.BlockHoundIntegration

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* /netty-common-4-1-118-final-sources-jar/META-INF/native-image/io.netty/netty-common/native-image.properties

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* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ThreadProperties.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/LongCounter.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractScheduledEventExecutor.java
*

/netty-common-4-1-118-final-sources-jar/io/netty/util/HashingStrategy.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/DomainMappingBuilder.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AsyncMapping.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PriorityQueueNode.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/DefaultPriorityQueue.java

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```

* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/FormattingTuple.java
*

```

```

    /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/MessageFormatter.java

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* /netty-common-4-1-118-final-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ThreadLocalRandom.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/BoundedInputStream.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AsciiStringUtil.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/GenericProgressiveFutureListener.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/GenericFutureListener.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultThreadFactory.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ScheduledFutureTask.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ReferenceCountUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/NoOpTypeParameterMatcher.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ProgressivePromise.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/package-info.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/Future.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ImmediateExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Recycler.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultProgressivePromise.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultFutureListeners.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeak.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/CompleteFuture.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultPromise.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AbstractReferenceCounted.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractEventExecutorGroup.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ImmediateEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ThreadPerTaskExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/ScheduledFuture.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/package-info.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/FutureListener.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/EmptyArrays.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/TypeParameterMatcher.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PlatformDependent0.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ReferenceCounted.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ConstantPool.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ReadOnlyIterator.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ConcurrentSet.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/AbstractFuture.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Version.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PendingWrite.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/RecyclableArrayList.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakException.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakDetector.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/Promise.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseTask.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/AppendableCharSequence.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/svm/package-info.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/svm/UnsafeRefArrayAccessSubstitution.java
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/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/svm/PlatformDependentSubstitution.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ObjectPool.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ReferenceCountUpdater.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/svm/PlatformDependent0Substitution.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ByteObjectMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/LongObjectMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/IntObjectMap.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/collection/LongCollections.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ShortObjectMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/CharObjectMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ByteObjectHashMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/CharCollections.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/LongObjectHashMap.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ByteCollections.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/IntCollections.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ShortCollections.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ObjectUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/collection/ShortObjectHashMap.java
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 * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseNotifier.java
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/NativeLibraryLoader.java
 *
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/InternalThreadLocalMap.java
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/FastThreadLocal.java
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/IntegerHolder.java
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakHint.java
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/Mapping.java
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseAggregator.java
 * /netty-common-4-1-118-final-sources-jar/io/netty/util/ThreadDeathWatcher.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/ByteProcessorUtils.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/MathUtil.java
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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PriorityQueue.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ReflectionUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ObjectCleaner.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/LongAdderCounter.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/UncheckedBooleanSupplier.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/LocationAwareSlf4JLogger.java
```

* /netty-common-4-1-118-final-sources-jar/io/netty/util/SuppressForbidden.java

* /netty-common-4-1-118-final-sources-jar/io/netty/util/NettyRuntime.java

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Found in path(s):

* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/Cleaner.java

* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/CleanerJava9.java

* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/FastThreadLocalRunnable.java

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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/MacAddressUtil.java

* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4J2Logger.java

* /netty-common-4-1-118-final-sources-jar/io/netty/util/BooleanSupplier.java

* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/PromiseCombiner.java

*


```

/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandler.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/DomainNameMappingBuilder.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakTracker.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4J2LoggerFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/OutOfDirectMemoryError.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/SocketUtils.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/NonStickyEventExecutorGroup.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/ResourceLeakDetectorFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PromiseNotificationUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/OrderedEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ThrowableUtil.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/UnorderedThreadPoolEventExecutor.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/EventExecutorChooserFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/ConstantTimeUtils.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/UnstableApi.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/IntSupplier.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/UnaryPromiseNotifier.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/RejectedExecutionHandlers.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/NativeLibraryUtil.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutorChooserFactory.java
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Found in path(s):

```

* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/EventExecutorGroup.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Constant.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/BlockingOperationException.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/AttributeKey.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/JdkLoggerFactory.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/Timer.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/MultithreadEventExecutorGroup.java

```

- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/AbstractInternalLogger.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/CommonsLoggerFactory.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/CharsetUtil.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/NetUtil.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/EventExecutor.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/Signal.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/InternalLogLevel.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/SingleThreadEventExecutor.java
- *
- /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/FailedFuture.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4JLoggerFactory.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/PlatformDependent.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/package-info.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/package-info.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Slf4JLogger.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/DefaultAttributeMap.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/Attribute.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/StringUtil.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/InternalLoggerFactory.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/SucceededFuture.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutor.java
- *
- /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/DefaultEventExecutorGroup.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/TimerTask.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/SystemPropertyUtil.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/AbstractConstant.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Slf4JLoggerFactory.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/Timeout.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/AttributeMap.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/IllegalReferenceCountException.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/concurrent/GlobalEventExecutor.java
- * /netty-common-4-1-118-final-sources-jar/io/netty/util/HashedWheelTimer.java

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* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/JdkLogger.java
*
/netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/CommonsLogger.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/InternalLogger.java
* /netty-common-4-1-118-final-sources-jar/io/netty/util/internal/logging/Log4JLogger.java
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1.222 netty-resolver 4.1.118.Final

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* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/HostsFileEntriesProvider.java
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* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java

* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/SimpleNameResolver.java

* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/AddressResolverGroup.java

* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/NoopAddressResolver.java

*

/netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/NameResolver.java

* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/package-info.java

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* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java

```
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
*
/netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/HostsFileParser.java
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/AddressResolver.java
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* /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/RoundRobinInetAddressResolver.java
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- * /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/HostsFileEntries.java
- * /netty-resolver-4-1-118-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java

1.223 netty-codec 4.1.118.Final

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- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/json/package-info.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/FastLz.java

```

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /netty-codec-4-1-118-final-sources-
jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.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
  Harder's Public Domain
* Base64 Encoder/Decoder</a>.
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Found in path(s):

- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java
- *
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Brotli.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZstdOptions.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Zstd.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/BrotliEncoder.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java

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- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DefaultHeadersImpl.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ValueConverter.java
- * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java

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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
 * /netty-codec-4-1-118-final-sources-
 jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
 *

/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java

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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/EncoderUtil.java

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyOptions.java

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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/CodecOutputList.java

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DateFormatter.java

*

/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java

* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java

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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/Headers.java
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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/base64/package-info.java
*
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
*

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/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/xml/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/CodecException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /netty-codec-4-1-118-final-sources-
jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java

```

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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
*
/netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/string/package-info.java
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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Lz4XXHash32.java
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* /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/Crc32c.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
 * /netty-codec-4-1-118-final-sources-jar/io/netty/handler/codec/compression/JdkZlibDecoder.java
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 /*
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 */
 /**
 * Utility class for {@link ByteBuf} that encodes and decodes to and from
 * [Base64](https://en.wikipedia.org/wiki/Base64) notation.
 * <p>
 * The encoding and decoding algorithm in this class has been derived from
 * <http://iharder.sourceforge.net/current/java/base64/> Robert Harder's Public Domain
 * Base64 Encoder/Decoder.
 */

Found in path(s):

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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>

* lengthFieldOffset = 0

* lengthFieldLength = 2

* 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-4-1-118-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java

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1.224 netty-transport 4.1.118.Final

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```
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioChannelOption.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SimpleUserEventChannelHandler.java
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```
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
*
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
```

```

* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelId.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelId.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelMatcher.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AddressedEnvelope.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioDomainSocketUtil.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioDomainSocketChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioServerDomainSocketChannel.java
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```

* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/ServerBootstrapConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SelectStrategyFactory.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/WriteBufferWaterMark.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/BootstrapConfig.java
*
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SelectStrategy.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundInvoker.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultSelectStrategy.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/PreferHeapByteBufAllocator.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInboundInvoker.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/AbstractBootstrapConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/VoidChannelGroupFuture.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DuplexChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultSelectStrategyFactory.java
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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractCoalescingBufferQueue.java

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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/EventLoopTaskQueueFactory.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ExtendedClosedChannelException.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelHandlerMask.java

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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolHandler.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java

*

/* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/package-info.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/ChannelPool.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java

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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFactory.java
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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java

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/netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelConfig.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DatagramChannel.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/DefaultChannelGroupFuture.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/package-info.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/FileRegion.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultFileRegion.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInitializer.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java

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/netty-transport-4-1-118-final-sources-jar/io/netty/channel/FailedChannelFuture.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/CombinedIterator.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/Channel.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFutureListener.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/NioTask.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/package-info.java

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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroupFutureListener.java

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java

- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultEventLoop.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
- *
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/EventLoop.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPipeline.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundHandlerAdapter.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelException.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelConfig.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/NioEventLoop.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ServerSocketChannelConfig.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/EventLoopGroup.java
- *
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelMetadata.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/group/package-info.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultChannelPipeline.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelHandlerContext.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalEventLoopGroup.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
- *
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedEventLoop.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/package-info.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/Bootstrap.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelFuture.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/AbstractOioMessageChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
- *
- /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoopGroup.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/SocketChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/package-info.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/package-info.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/package-info.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/EventLoopException.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalServerChannel.java
- * /netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalAddress.java

```

* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/FixedRecvByteBufAllocator.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/channel/ServerChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DatagramChannelConfig.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/DatagramPacket.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPipelineException.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelOption.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelPromise.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/package-info.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/nio/AbstractNioChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/package-info.java
*
/netty-transport-4-1-118-final-sources-jar/io/netty/channel/local/LocalChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/socket/package-info.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/bootstrap/AbstractBootstrap.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelDuplexHandler.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/MultithreadEventLoopGroup.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelInboundHandlerAdapter.java
* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/VoidChannelPromise.java

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```



```

* </ul>
* </p>
* <p>
* Alternatively, the following adapter classes are provided for your convenience:
* <ul>
* <li>{@link ChannelInboundHandlerAdapter} to handle inbound I/O events,</li>
* <li>{@link ChannelOutboundHandlerAdapter} to handle outbound I/O operations, and</li>
* <li>{@link ChannelDuplexHandler} to handle both inbound and outbound events</li>
* </ul>
* </p>
* <p>
* For more information, please refer to the documentation of each subtype.
* </p>
*
* <h3>The context object</h3>
* <p>
* A {@link ChannelHandler} is provided with a {@link ChannelHandlerContext}
* object. A {@link ChannelHandler} is supposed to interact with the
* {@link ChannelPipeline} it belongs to via a context object. Using the
* context object, the {@link ChannelHandler} can pass events upstream or
* downstream, modify the pipeline dynamically,
* or store the information
* (using {@link AttributeKey}s) which is specific to the handler.
*
* <h3>State management</h3>
*
* A {@link ChannelHandler} often needs to store some stateful information.
* The simplest and recommended approach is to use member variables:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*
*     <b>private boolean loggedIn;</b>
*
*     {@code @Override}
*     public void channelRead0({@link ChannelHandlerContext} ctx, Message message) {
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) message);
*             <b>loggedIn = true;</b>
*         } else (message instanceof GetDataMessage) {
*             if (<b>loggedIn</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) message));
*             } else {
*                 fail();
*             }
*         }
*     }
* }

```

```

*
* }
* }
* ...
* }
* </pre>
* Because the handler instance has a state variable which is dedicated to
* one connection, you have to create a new handler instance for each new
* channel to avoid a race condition where an unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
* <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*         {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {

```

```
*      fail();
*    }
*  }
* }
* ...
* }
```

```
* </pre>
```

* Now that the

state of the handler is attached to the {@link ChannelHandlerContext}, you can add the

* same handler instance to different pipelines:

```
* <pre>
```

```
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}> {
*
```

```
*   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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* /netty-transport-4-1-118-final-sources-jar/io/netty/channel/ChannelHandler.java

1.225 netty-transport-classes-epoll

4.1.118.Final

1.225.1 Available under license :

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* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java

*

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jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.java

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* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/EpollEventArray.java

* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java

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* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java
*
* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/package-info.java
* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/EpollTcpInfo.java
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* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/Epoll.java
* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/NativeDatagramPacketArray.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="https://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
 * for more details.
 *
 */
```

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Found in path(s):

* /netty-transport-classes-epoll-4-1-118-final-sources-jar/io/netty/channel/epoll/Native.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.
 *
 */
```

Found in path(s):

* /netty-transport-classes-epoll-4-1-118-final-sources-

jar/io/netty/channel/epoll/EpollServerSocketChannelConfig.java

1.226 netty-transport-native-unix-common

4.1.118.Final

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Found in path(s):

- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_jni.h
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/UnixChannelUtil.java

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Found in path(s):

- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_errors.c
- *
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_filedescriptor.c
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Errors.java
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_socket.c
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_filedescriptor.h
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_errors.h
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_socket.h
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
- * /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/UnixChannel.java
- *

/netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Socket.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
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* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/IovArray.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/package-info.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Unix.java

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/netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java
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* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/PreferredDirectByteBufferAllocator.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/io/netty/channel/unix/Buffer.java
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* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/DomainDatagramChannelConfig.java

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* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/SegmentedDatagramPacket.java
* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/DomainDatagramPacket.java
*
/netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/DomainDatagramChannel.java
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* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/RawUnixChannelOption.java
* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/IntegerUnixChannelOption.java
* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/GenericUnixChannelOption.java
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* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_limits.c
*
/netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/SocketWritableByteChannel.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_util.c
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_util.h
* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-118-final-sources-
jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-118-final-sources-jar/netty_unix_limits.h

1.227 netty-handler 4.1.118.Final

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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/TrustManagerFactoryWrapper.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/KeyManagerFactoryWrapper.java
*
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/address/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PseudoRandomFunction.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/package-info.java
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/netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/TrafficCounter.java

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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/flush/package-info.java

*

/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemValue.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemEncoded.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/flow/package-info.java

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java

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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
*

```

```

/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkAlpnSslUtils.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslClientHelloHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/EnhancingX509ExtendedTrustManager.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslAsyncPrivateKeyMethod.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslClientSessionCache.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslContextOption.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionId.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Ciphers.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslProtocols.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/GroupsConverter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslContextOption.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/PcapHeaders.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/TCPpacket.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/IPPacket.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/EthernetPacket.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/UDPPacket.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/pcap/PcapWriter.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiationHandler.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/LazyJavaxX509Certificate.java

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```

 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCachingX509KeyManagerFactory.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
 *
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslX509KeyManagerFactory.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslInternalSession.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
 * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
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- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
- *
- /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslProvider.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
- *
- /netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslUtils.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SniHandler.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
- *
- /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslContext.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
- *
- /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/PemReader.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
- * /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java

```
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
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```
* /netty-handler-4-1-118-final-sources-jar/META-INF/native-image/io.netty/netty-handler/native-image.properties
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```
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslHandshakeTimeoutException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/ByteBufFormat.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateCompressionAlgorithm.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/BouncyCastlePemReader.java
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* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficShapingHandler.java
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Found in path(s):

* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/ReadTimeoutHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/ReadTimeoutException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
*
/netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedFile.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/LogLevel.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/LoggingHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
*

/netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedInput.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/WriteTimeoutException.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/logging/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedWriteHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/util/package-info.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/timeout/IdleStateHandler.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java

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Found in path(s):

```
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslHandlerCoalescingBufferQueue.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ResumableX509ExtendedTrustManager.java
*
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/ResumptionController.java
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Found in path(s):

```
* /netty-handler-4-1-118-final-sources-jar/io/netty/handler/ssl/SslHandshakeCompletionEvent.java
```

1.228 musl 1.2.5-r10

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1.229 liquibase-commercial 4.29.1

1.229.1 Available under license :

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1.230 sql-formatter 2.0.5

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1.231 hdrhistogram 2.1.9

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* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/LogarithmicIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/Histogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/SingleWriterRecorder.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/ConcurrentDoubleHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/HistogramLogReader.java

```

* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/ConcurrentHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/SynchronizedDoubleHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/AtomicHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/HistogramIterationValue.java
*
/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/Recorder.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/AbstractHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleAllValuesIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleLinearIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/HistogramLogProcessor.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/IntCountsHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/SynchronizedHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleRecordedValuesIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/PercentileIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/SingleWriterDoubleRecorder.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/ZigZagEncoding.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoublePercentileIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleLogarithmicIterator.java
*
/hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/AllValuesIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/ShortCountsHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/Version.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/LinearIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/AbstractHistogramIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleHistogram.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleHistogramIterationValue.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/DoubleRecorder.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/RecordedValuesIterator.java
* /hdrhistogram-2-1-9-sources-jar/org/HdrHistogram/AbstractHistogramLogReader.java
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1.232 paranamer 2.5.1

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- * /paranamer-2-5-1-sources-1-jar/com/thoughtworks/paranamer/NullParanamer.java
- * /paranamer-2-5-1-sources-1-jar/com/thoughtworks/paranamer/ParameterNamesNotFoundException.java
- * /paranamer-2-5-1-sources-1-jar/com/thoughtworks/paranamer/DefaultParanamer.java
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1.233 jetty 9.4.57.v20241219

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=====

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Eclipse

The following artifacts are EPL.

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

The following artifacts are EPL and ASL2.

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

- * javax.servlet:javax.servlet-api

- * javax.annotation:javax.annotation-api

- * javax.transaction:javax.transaction-api

- * javax.websocket:javax.websocket-api

Oracle OpenJDK

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

- * java.sun.security.ssl

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

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

OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

org.apache.taglibs:taglibs-standard-spec

org.apache.taglibs:taglibs-standard-impl

MortBay

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

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville. Permission to use, copy, modify and distribute UnixCrypt for non-commercial or commercial purposes and without fee is granted provided that the copyright notice appears in all copies.

1.234 netty-transport-native-epoll

4.1.118.Final

1.234.1 Available under license :

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```
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 */
```

Found in path(s):

* /netty-transport-native-epoll-4-1-118-final-sources-jar/netty_epoll_native.c

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 */
```

Found in path(s):

* /netty-transport-native-epoll-4-1-118-final-sources-jar/netty_epoll_linuxsocket.c

* /netty-transport-native-epoll-4-1-118-final-sources-jar/netty_epoll_linuxsocket.h

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Found in path(s):

* /netty-transport-native-epoll-4-1-118-final-sources-jar/META-INF/maven/io.netty/netty-transport-native-epoll/pom.xml

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 */
```

Found in path(s):

* /netty-transport-native-epoll-4-1-118-final-sources-jar/netty_epoll_vmsocket.h

1.235 failureaccess 1.0.1

1.235.1 Available under license :

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```
/*
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*/

Found in path(s):

* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutureFailureAccess.java

* /failureaccess-1-0-1-sources-13-jar/com/google/common/util/concurrent/internal/InternalFutures.java

1.236 ca-certificates-bundle 20241121-r2

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Found in path(s):

* /ca-bundle-master-zip/ca-bundle-master/certdata.txt

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

Backup only

=====

This repository serves only as a backup to <https://curl.se/docs/caextract.html>.

That's the primary resource and site.

ca-bundle.crt

=====

The Mozilla CA bundle extracted and converted to PEM at regular intervals. See the PEM file itself for the actual date of the latest Mozilla source change that is included in converted file.

certdata.txt

=====

This is the corresponding source file used as input to generate the ca bundle output. Copied from the Mozilla source repository at the time the conversion is done.

Commits before d718bef3c0c256d66466f496f11f7e1b5c88bd03 did not contain certdata.txt. If you want the corresponding source for the ca bundle in an old commit, then please refer to this table:

<details>

<summary>Click here to show or hide the table.</summary>

Commit	URL for corresponding source
7d228da8f3f05c0123d72f13db9de10ea6dee621	N/A
5a391619cb2490d3304a91c71e2fa338a0557f81	https://hg.mozilla.org/releases/mozilla-release/raw-file/66b7259580f45c2599eefae69f40dae55ef17e0a/security/nss/lib/ckfw/builtins/certdata.txt
f1d870d5da0d48d4cc31174f501b5190f01e6b8c	Same as the previous commit
2b45e5d67ded140f1be0bcc649fa88d3c231883e	Same as the previous commit
0a9e02c6fc9604cdf3807472a76b7af1e4260171	Same as the previous commit
f68eb7b9674cfafd78a581e85abd3438b70e5804	https://hg.mozilla.org/releases/mozilla-release/raw-file/e6aee77687d39f32cf2e76974fda5dd7d3353494/security/nss/lib/ckfw/builtins/certdata.txt
e9175fec5d0c4d42de24ed6d84a06d504d5e5a09	https://hg.mozilla.org/releases/mozilla-release/raw-file/cd52a7f8954809fd893196dc857f81b0cb61717c/security/nss/lib/ckfw/builtins/certdata.txt
b072e4efd42b8602855bba127586c42cf4f73d5	https://hg.mozilla.org/releases/mozilla-release/raw-file/fbecd3b75a32805785ab6c04071ba22ff9e12f15/security/nss/lib/ckfw/builtins/certdata.txt
d82fc46afaf6478aaa22989bcc2202ba7b72ad71	https://hg.mozilla.org/releases/mozilla-release/raw-file/784a4c059370ea7eb6bd3e5597b2cf60b01fff61/security/nss/lib/ckfw/builtins/certdata.txt
bff056d04b9e2c92ea8c83b2e39be9c8d0501039	https://hg.mozilla.org/releases/mozilla-release/raw-file/1864de1dd58496710df537ebf6a3cb7655be25cb/security/nss/lib/ckfw/builtins/certdata.txt
86347ecbdc2277f365d02f0d208b822a214e012d	https://hg.mozilla.org/releases/mozilla-release/raw-file/4c4aa555dbb768be28989e14577d408cc7963f36/security/nss/lib/ckfw/builtins/certdata.txt
751ec767788ef26616dcc40c300c306a86076099	Same as the previous commit
57d1a1632d82e365e67ebfd65550dda12812d478	Same as the previous commit
dfcc02c918b7bf40ed3a7f27a634c74ef4e80829	https://hg.mozilla.org/releases/mozilla-release/raw-file/02e787b058edbc15355a89c61564661d34043d1c/security/nss/lib/ckfw/builtins/certdata.txt
a87bf7b88d735dc6fcbcdc116e4044d964cf389c	Same as the previous commit
7ba8a667420bd2e3ba32c34ae255deae6493fba7	https://hg.mozilla.org/releases/mozilla-release/raw-file/236993bf136ebdcf87c2569e424a4c230b66123e/security/nss/lib/ckfw/builtins/certdata.txt
db7eb8a3e0c7b7fa39a6a78d5f8610ac26ccfadf	Same as the previous commit
a9de2411cd1aec4eee49fc7905f09f923573cda8	https://hg.mozilla.org/releases/mozilla-release/raw-

file/725796b69ce57e5654d21bdd9bee131b57d141dd/security/nss/lib/ckfw/builtins/certdata.txt |
| 5cd5a2299379e6880134b0caf842aacdab9db727 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/4f753ccec3d08822b45bda237110074c6937e99e/security/nss/lib/ckfw/builtins/certdata.txt |
| d9785b19b9030c1a7985b614eb2cac428b346c0d | https://hg.mozilla.org/releases/mozilla-release/raw-
file/380093135a3bf54c6971595a0f4f945081484a38/security/nss/lib/ckfw/builtins/certdata.txt
|
| ae9e4be79a2be3f8b341ff6f24576bc78b0f9aad | https://hg.mozilla.org/releases/mozilla-release/raw-
file/28fadaace7bd2189a6c13db6765bf04048a41789/security/nss/lib/ckfw/builtins/certdata.txt |
| f0185186159dcfee874795a5861535e4ed596b56 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/40755aa80f41ee6df8995ae44044caf7a024b128/security/nss/lib/ckfw/builtins/certdata.txt |
| ca9dc7463c9ef5d4d19ed778c255da5f671e655c | https://hg.mozilla.org/releases/mozilla-release/raw-
file/54ee1aebd3927ea70f46398feffef7e869aae7e0/security/nss/lib/ckfw/builtins/certdata.txt |
| 2e3c764182fcfc170e9f8a99a6923bd28e674d39 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/e9f06fd63988182f9f79f223a295b57acf81cee8/security/nss/lib/ckfw/builtins/certdata.txt |
| acd399daddb0b72964324013f3acde222f3c0625 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/ea3b45ed3e04155184f4b85da43dc2328424f2d2/security/nss/lib/ckfw/builtins/certdata.txt |
| fa1e9f3dccfa995b2b9ed7478fe92d308fa634fa
| https://hg.mozilla.org/releases/mozilla-release/raw-
file/d7f1b0b90dcc2fd7b999cd8e1935ef4f1c6a8357/security/nss/lib/ckfw/builtins/certdata.txt |
| 449f554bb6853af5f6510601671f00ef5d1b93e6 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/2c9fa0eb1c2597fe5ee2a9f42a96e96618af51fd/security/nss/lib/ckfw/builtins/certdata.txt |
| 6067692770f1b7625c4039536ccaf23d0a49ee7f | https://hg.mozilla.org/releases/mozilla-release/raw-
file/50bba836b642b517fddd49b7f8f9e72ed0e0b677/security/nss/lib/ckfw/builtins/certdata.txt |
| 0afaa1b7f4ac157dcd9240c198dbc10fdbba00c02 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/1d559668fc4795e6f1d426ecfa8fc86be0e91a82/security/nss/lib/ckfw/builtins/certdata.txt |
| 22eb23ed4198052d1e5405911c6d028be75c817c | https://hg.mozilla.org/releases/mozilla-release/raw-
file/e92c4aeac6c046e5f6e3954ffee9fcc9d19045dd/security/nss/lib/ckfw/builtins/certdata.txt |
| b27af886c380c59bbb81afe7c186483184195a3 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/ed839e4a302121a4105806c22023ad3a2cf60a98/security/nss/lib/ckfw/builtins/certdata.txt
|
| 2a33f9977cd5aa22fe91dbe8727e198298e53606 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/a85986cd3e05efd8afd71ff5ad6409102deddfb2/security/nss/lib/ckfw/builtins/certdata.txt |
| fd0b671eefb2556ca8c2f45a0b4003df18bc6124 | Same as the previous commit
|
| 6f9394f01a5adc6e11b145d787136cec6c0d4f49 | Same as the previous commit
|
| ed090aff3f6fd4e03f3e88ada8eae5fa48a262d4 | Same as the previous commit
|
| 4a20d8c0705c78f588635eaa8a1fa9edf73b8c97 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/0f8e8f595cdaa3c640eebbcf5a3c1640597d6fe5/security/nss/lib/ckfw/builtins/certdata.txt
|
| 2b15b55ea65cf6a5251fc14d778d5f39b512ba71 | Same as the previous commit
|
| a0e9c8e2956e1b79ded5f6fe7084884550a44550 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/d712f161492e6534aa05dbc7b71f58ee4431d6c4/security/nss/lib/ckfw/builtins/certdata.txt |
| 2554eb9e77bde6e5030217ced250ca21b5bc344b | https://hg.mozilla.org/releases/mozilla-release/raw-
file/326adbc7882af5850e30faecaca4a5f2eb3e4ac5/security/nss/lib/ckfw/builtins/certdata.txt |
| 1c78e2ab91957d4847913c4cdd0625d62b58c6a7 | https://hg.mozilla.org/releases/mozilla-release/raw-

file/b608bef3805d31d583e719314ce55152a6724cf5/security/nss/lib/ckfw/builtins/certdata.txt |
| 59e7c349caebdbd90e7f9d7f06be066933425a6f | https://hg.mozilla.org/releases/mozilla-release/raw-
file/93720442b571341fd67dd76b50dd4ae73226e10a/security/nss/lib/ckfw/builtins/certdata.txt
|
| 8b263a18fca98ea371e54227837321c5cdaa1ba7 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/db0157931387a232eba6ed90247b0cb89671cbcd/security/nss/lib/ckfw/builtins/certdata.txt |
| 0f9691f953dd3dd7b4d88a8f9069b9af71f6c668 | Same as the previous commit
|
| edd798d35abc8cc32519b08b3d8485780bb0fd20 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/ed80dc53fca3452420400edd349b01600bc9a475/security/nss/lib/ckfw/builtins/certdata.txt |
| 74bfa39fdcacc2072ef9ab9bab6776002ea322a4 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/4d6bd444b886615f85e86f29598551048d2690a7/security/nss/lib/ckfw/builtins/certdata.txt |
| 39c6ac0550873e5c9214f265a1d0d9876c64c669 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/879ef40783f7255764ac9f401757c726a6c387c6/security/nss/lib/ckfw/builtins/certdata.txt |
| 7bbb8cfe6b9d5e1711584c3adb7fdc50c7471b50
| https://hg.mozilla.org/releases/mozilla-release/raw-
file/c8f0f5eb3ec78cab045d24ba2ed359ebbe09f56e/security/nss/lib/ckfw/builtins/certdata.txt |
| 7f33e7eb8472dbcf31fdcf50cd216c89a282825d | https://hg.mozilla.org/releases/mozilla-release/raw-
file/f478b87846055e0e762d5493d26efab821091ce9/security/nss/lib/ckfw/builtins/certdata.txt |
| b2f7415648411b6fd7c298c6c92d6552f0165f60 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/92f6d58167e0e0afd56305c9975b89134dd0424d/security/nss/lib/ckfw/builtins/certdata.txt |
| 8bcd1092d29849d9fe0a3261ab3bb875eb410694 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/7d8e7a75db1e1489fa6b112be71b458ea028453b/security/nss/lib/ckfw/builtins/certdata.txt |
| 3aaca635bad074a0ce5c15fa8aa0dff47f5c639a | https://hg.mozilla.org/releases/mozilla-release/raw-
file/238ea457a20e22e269b95456d4dc47abf8bb8263/security/nss/lib/ckfw/builtins/certdata.txt |
| 68844bbac67c0a2513165f4024c238cbb0b7ec64 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/f741b9b7161bdda9aa4dfc1bef67afcfbfa2c956/security/nss/lib/ckfw/builtins/certdata.txt
|
| bef37a977ccb45fb4c1b213b79dd6ba438077561 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/bb22fcd79efacff57cf9814e6b62a758db6f43/security/nss/lib/ckfw/builtins/certdata.txt |
| c5a419971b1bec220368c619aaafd0b818aa119f | https://hg.mozilla.org/releases/mozilla-release/raw-
file/163c38ee7a7a13a344e7fe15b75d86e6c5212ae0/security/nss/lib/ckfw/builtins/certdata.txt |
| ae77ab685577d4f455d52cda7877baf5d06a1d0 | https://hg.mozilla.org/releases/mozilla-release/raw-
file/ce4c4f72a97d4ef2a387d39bfe964c8a13f05d2c/security/nss/lib/ckfw/builtins/certdata.txt |
| f3d27c23c986e495dcd98eed8f1e72a4919300ec | https://hg.mozilla.org/releases/mozilla-release/raw-
file/b8ea2342548b8571e58f9176d9555ccdb5ec199f/security/nss/lib/ckfw/builtins/certdata.txt |

</details>

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=====

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conversion

=====

We use

mk-ca-bundle.pl from curl:

<https://github.com/curl/curl/blob/master/scripts/mk-ca-bundle.pl>

Found in path(s):

* /ca-bundle-master-zip/ca-bundle-master/README.md

1.237 jackson-module-afterburner 2.18.1

1.237.1 Available under license :

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ASM

ASM: a very small and fast Java bytecode manipulation framework

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Jackson JSON processor

Jackson is a high-performance, Free/Open Source JSON processing library. It was originally written by Tatu Saloranta (tatu.saloranta@iki.fi), and has been in development since 2007.

It is currently developed by a community of developers, as well as supported commercially by FasterXML.com.

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Credits

A list of contributors may be found from CREDITS file, which is included in some artifacts (usually source distributions); but is always available from the source code management (SCM) system project uses.

1.238 alpine-baselayout 3.7.0-r0

1.238.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
# Maintainer: Francesco Colista <francesco.colista@gmail.com>
pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
```

```
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"
```

```
_builddir="${srcdir}/${_pkgreal}-${pkgver}"
```

```
prepare() {  
    cd "${_builddir}"  
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`  
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor  
}
```

```
build() {  
    cd "${_builddir}"  
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`  
    make && make test  
}
```

```
package() {  
    cd "${_builddir}"  
    make  
    DESTDIR="$pkgdir" install || return 1  
    find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete  
}
```

```
md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
```

```
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
```

```
pkgname=libart-lgpl
```

```
pkgver=2.3.21
```

```
pkgrel=5
```

```
pkgdesc="A library for high-performance 2D graphics"
```

```
url="http://www.levien.com/libart/"
```

```
arch="all"
```

```
license="LGPL"
```

```
depends=
```

```
makedepends=
```

```
subpackages="$pkgname-dev"
```

```
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-${pkgver}.tar.bz2"
```

```
"
```

```
_builddir="${srcdir}/libart-lgpl-${pkgver}"
```

```
prepare() {  
    cd "${_builddir}"  
    update_config_sub || return 1  
}
```

```
build() {  
    cd "${_builddir}"  
    ./configure \  
    --build=${CBUILD} \  

```



```
--host=$CHOST \
--prefix=/usr \
|| return 1
make || return 1
}
```

```
package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
}
```

```
sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
```

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```
# Automatically generated by apkbuidl-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=2
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
```

```

license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/${_pkgreal}-${pkgver}.tar.gz"

_buildddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    make && make test || return 1
}

package() {
    cd "$_buildddir"
    make DESTDIR="$pkgdir" install || return 1
    find "$pkgdir"
    \(-name perllocal.pod -o -name .packlist\) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"
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pkgname=py-flake8-copyright

_pkgname=flake8-copyright

pkgver=0.2.0

pkgrel=1

pkgdesc="Extension for flake8 which checks for copyrights"

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="flake8"

makedepends="python3-dev"

source="https://files.pythonhosted.org/packages/source/\${_pkgname:0:1}/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir"/\$_pkgname-\$pkgver

```
build() {  
    cd "$builddir"  
    python3 setup.py build || return 1  
}
```

```

package() {
    cd "$builddir"
    python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1
}

md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"
sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73 flake8-copyright-
0.2.0.tar.gz"
sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e
2417b586e543bfba12abce256b2023c8c4993eeb90
flake8-copyright-0.2.0.tar.gz"
mini_sendmail - accept email on behalf of real sendmail

```

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1.239 ca-certificates 20241121-r2

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*
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* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/KmpSearchProcessorFactory.java
* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/MultiSearchProcessor.java
* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/search/AbstractMultiSearchProcessorFactory.java
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```

Found in path(s):

```

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```

Found in path(s):

```
* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/UnsafeHeapSwappedByteBuf.java
* /netty-buffer-4-1-118-final-sources-3-jar/io/netty/buffer/UnsafeDirectSwappedByteBuf.java
```

1.242 tomcat-jdbc 11.0.5

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1.243 tomcat-juli 11.0.5

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1.245 servlet-api 3.0.1

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### xwd utility
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Mesa 3-D
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include/GL/glxt.h
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version-control history to learn more.

tree/openbsd-reallocarray.c

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DOM Level 3 Core Specification v1.0

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Component	Location	License

Main Mesa code	src/mesa/	MIT

Device drivers src/mesa/drivers/* MIT, generally

Gallium code src/gallium/ MIT

Ext headers GL/glext.h Khronos

 GL/glxt.h Khronos

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 KHR/khrplatform.h Khronos

include/GL/gl.h :

Mesa 3-D

graphics library

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include/GL/glxt.h

include/GL/glxt.h

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tree/openbsd-reallocarray.c

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1.248 commons-jexl3 3.4.0

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Eclipse

The following artifacts are EPL.

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

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

The following artifacts are EPL and CDDL 1.0.

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

Oracle

The following artifacts are CDDL + GPLv2 with classpath exception.

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

* javax.servlet:javax.servlet-api

* javax.annotation:javax.annotation-api

* javax.transaction:javax.transaction-api

* javax.websocket:javax.websocket-api

Oracle OpenJDK

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

* java.sun.security.ssl

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

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

OW2

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

org.ow2.asm:asm-commons

org.ow2.asm:asm

Apache

The following artifacts are ASL2 licensed.

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

MortBay

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

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by Unix systems for simple password protection. Copyright 1996 Aki Yoshida, modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.251 jetty-jmx 9.4.57.v20241219

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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

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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

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

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1.252 jetty-servlets 9.4.57.v20241219

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The following artifacts are CDDL + GPLv2 with classpath exception.

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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 classpath exceptions.

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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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org.eclipse.jetty.toolchain:jetty-schemas

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1.253 ncurses 6.5_p20250503-r0

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```
# Contributor: Patrycja Rosa <alpine@ptrcnull.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h
tree.h
"
buildldir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
```

```

cef2092881eded0a2e94f6a07752ef3 tree.h
"
# Automatically generated by apkgbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
maintainer="Celeste <cielesti@protonmail.com>"
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=10
#_pkgreal is used by apkgbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/${_pkgreal}-${pkgver}"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

#ifdef _SYS_CDEFS_H_
#define _SYS_CDEFS_H_

#warning usage of non-standard #include <sys/cdefs.h> is deprecated

```



```

#undef __P
#undef __PMT

#define __P(args) args
#define __PMT(args) args

#define __CONCAT(x,y) x ## y
#define __STRING(x) #x

#ifdef __cplusplus
# define __BEGIN_DECLS extern "C" {
# define __END_DECLS }
#else
# define __BEGIN_DECLS
# define __END_DECLS
#endif

#if defined(__GNUC__) && !defined(__cplusplus)
# define __THROW __attribute__((__nothrow__))
# define __NTH(fct) __attribute__((__nothrow__)) fct
#else
# define __THROW
# define __NTH(fct) fct
#endif

#endif /* _SYS_CDEFS_H_ */
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright" # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {

```

```

gpep517 build-wheel \
--wheel-dir .dist \
--output-fd 3 3>&1 >&2
}

package() {
gpep517 install-wheel --destdir "$pkgdir" \
.dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
flake8-copyright-0.2.4.tar.gz
"

# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
default_prepare

cargo fetch --target="$CTARGET" --locked
}

build() {
cargo auditable build --release --frozen
}

check() {
cargo test --frozen
}

package() {
install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

```

```

/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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*/

#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
    ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
     (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
* This file defines data structures for different types of trees:

```

- * splay trees and red-black trees.
- *
- * A splay tree is a self-organizing data structure. Every operation
- * on the tree causes a splay to happen. The splay moves the requested
- * node to the root of the tree and partly rebalances it.
- *
- * This has the benefit that request locality causes faster lookups as
- * the requested nodes move to the top of the tree. On the other hand,
- * every lookup causes memory writes.
- *
- * The Balance Theorem bounds the total access time for m operations
- * and n inserts on an initially empty tree as $O((m + n)\lg n)$. The
- * amortized cost for a sequence of m accesses to a splay tree is $O(\lg n)$;
- *
- * A red-black tree is a binary search tree with the node color as an
- * extra attribute. It fulfills a set of conditions:
- * - every search path from the root to a leaf consists of the
- * same number of black nodes,
- * - each red node (except for the root) has a black parent,
- * - each leaf node is black.
- *
- * Every operation on a red-black tree is bounded as $O(\lg n)$.
- * The maximum height of a red-black tree is $2\lg(n+1)$.
- */

```
#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}
```

```
#define SPLAY_INITIALIZER(root) \
{ NULL }
```

```
#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)
```

```
#define SPLAY_ENTRY(type) \
struct { \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}
```

```
#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)
```

```

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define
    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
\
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \

```

```

return(NULL); \
name##_SPLAY(head, elm); \
if ((cmp)(elm, (head)->sph_root) == 0) \
return (head->sph_root); \
return (NULL); \
} \
\
static __inline __sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
name##_SPLAY(head, elm); \
if (SPLAY_RIGHT(elm, field) != NULL) { \
elm = SPLAY_RIGHT(elm, field); \
while (SPLAY_LEFT(elm, field) != NULL) { \
elm = SPLAY_LEFT(elm, field); \
} \
} \
else \
elm = NULL; \
return (elm); \
} \
\
static __sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
name##_SPLAY_MINMAX(head, val); \
return (SPLAY_ROOT(head)); \
}

/* Main splay operation.
* Moves node close to the key of elm to top
*/
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
if (SPLAY_EMPTY(head)) { \
SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
} else { \
int __comp; \
name##_SPLAY(head, elm); \
__comp = (cmp)(elm, (head)->sph_root); \
if(__comp < 0) { \
SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
SPLAY_RIGHT(elm, field) = (head)->sph_root; \
SPLAY_LEFT((head)->sph_root, field) = NULL; \
} else if (__comp > 0) { \
SPLAY_RIGHT(elm,

```

```

field) = SPLAY_RIGHT((head)->sph_root, field);\
    SPLAY_LEFT(elm, field) = (head)->sph_root; \
    SPLAY_RIGHT((head)->sph_root, field) = NULL; \
} else \
    return ((head)->sph_root); \
} \
(head)->sph_root = (elm); \
return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \
        return (NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) { \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
            (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
        } else { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
            name##_SPLAY(head, elm); \
            SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
        } \
        return (elm); \
    } \
    return (NULL); \
} \
\
void \
name##_SPLAY(struct \
    name *head, struct type *elm) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    int __comp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node; \
    \
    while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field); \
            if (__tmp == NULL) \
                break; \
            if ((cmp)(elm, __tmp) < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field); \
            }

```

```

    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
        break; \
} \
SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
    __tmp = SPLAY_RIGHT((head)->sph_root, field);\
    if (__tmp == NULL) \
        break; \
    if ((cmp)(elm, __tmp) > 0){ \
        SPLAY_ROTATE_LEFT(head, __tmp, field);\
        if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
            break; \
    } \
    SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field); \
} \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node; \
    \
    while (1) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field);\
            if (__tmp == NULL) \
                break; \
            if (__comp < 0){ \
                SPLAY_ROTATE_RIGHT(head, __tmp, field);\
                if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
                    break; \
            } \
            SPLAY_LINKLEFT(head, __right, field); \
        } else if (__comp > 0) { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field);\
            if (__tmp == NULL) \
                break; \
            if (__comp > 0) { \
                SPLAY_ROTATE_LEFT(head, __tmp, field);\
                if (SPLAY_RIGHT((head)->sph_root,

```



```

field) == NULL)\
    break; \
} \
    SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
    SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
struct name { \
    struct type *rbh_root; /* root of the tree */ \
}

#define RB_INITIALIZER(root) \
{ \
    NULL }

#define RB_INIT(root) do { \
    (root)->rbh_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type) \
struct { \
    struct type *rbe_left; /* left element */ \
    struct type *rbe_right; /* right element */ \
    struct type *rbe_parent; /* parent element */ \
    int rbe_color; /* node color */ \
}

```

```

}

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do { \
    RB_PARENT(elm, field) = parent; \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED; \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do { \
    RB_COLOR(black, field) = RB_BLACK; \
    RB_COLOR(red, field) \
    = RB_RED; \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do { \
    (tmp) = RB_RIGHT(elm, field); \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_LEFT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field))

```

```

!= NULL) { \
    RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
} \
RB_AUGMENT(elm); \
if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
    if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
        RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
    else \
        RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
} else \
    (head)->rbh_root = (tmp); \
RB_RIGHT(tmp, field) = (elm); \
RB_PARENT(elm, field) = (tmp); \
RB_AUGMENT(tmp); \
if ((RB_PARENT(tmp, field))) \
    RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
        type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *); \
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \
    attr struct type *name##_RB_PREV(struct type *); \
    attr struct type *name##_RB_MINMAX(struct name *, int); \
    \

/* Main rb operation.
 * Moves node close to the key of elm to top
 */
#define RB_GENERATE(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
    attr void \
    name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
    { \
        struct type

```

```

*parent, *gparent, *tmp; \
while ((parent = RB_PARENT(elm, field)) != NULL && \
    RB_COLOR(parent, field) == RB_RED) { \
    gparent = RB_PARENT(parent, field); \
    if (parent == RB_LEFT(gparent, field)) { \
        tmp = RB_RIGHT(gparent, field); \
        if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
            RB_COLOR(tmp, field) = RB_BLACK; \
            RB_SET_BLACKRED(parent, gparent, field);\
            elm = gparent; \
            continue; \
        } \
        if (RB_RIGHT(parent, field) == elm) { \
            RB_ROTATE_LEFT(head, parent, tmp, field);\
            tmp = parent; \
            parent = elm; \
            elm = tmp; \
        } \
        RB_SET_BLACKRED(parent, gparent, field);\
        RB_ROTATE_RIGHT(head, gparent, tmp, field);\
    } else { \
        tmp = RB_LEFT(gparent, field); \
        if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
            RB_COLOR(tmp, field) = RB_BLACK; \
            RB_SET_BLACKRED(parent, gparent, field);\
            elm = gparent; \
            continue; \
        } \
        if (RB_LEFT(parent, field) == elm)
    { \
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        tmp = parent; \
        parent = elm; \
        elm = tmp; \
    } \
    RB_SET_BLACKRED(parent, gparent, field);\
    RB_ROTATE_LEFT(head, gparent, tmp, field);\
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
\
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \

```

```

if (RB_LEFT(parent, field) == elm) { \
    tmp = RB_RIGHT(parent, field); \
    if (RB_COLOR(tmp, field) == RB_RED) { \
        RB_SET_BLACKRED(tmp, parent, field); \
        RB_ROTATE_LEFT(head, parent, tmp, field);\
        tmp = RB_RIGHT(parent, field); \
    } \
    if ((RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
        (RB_RIGHT(tmp, field) == NULL || \
        RB_COLOR(RB_RIGHT(tmp,
field), field) == RB_BLACK)) {\
        RB_COLOR(tmp, field) = RB_RED; \
        elm = parent; \
        parent = RB_PARENT(elm, field); \
    } else { \
        if (RB_RIGHT(tmp, field) == NULL || \
            RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
            struct type *oleft; \
            if ((oleft = RB_LEFT(tmp, field)) \
                != NULL) \
                RB_COLOR(oleft, field) = RB_BLACK;\
            RB_COLOR(tmp, field) = RB_RED; \
            RB_ROTATE_RIGHT(head, tmp, oleft, field);\
            tmp = RB_RIGHT(parent, field); \
        } \
        RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
        RB_COLOR(parent, field) = RB_BLACK; \
        if (RB_RIGHT(tmp, field)) \
            RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
        RB_ROTATE_LEFT(head, parent, tmp, field);\
        elm = RB_ROOT(head); \
        break; \
    } \
} else { \
    tmp = RB_LEFT(parent, field); \
    if (RB_COLOR(tmp, field) == RB_RED) { \
        RB_SET_BLACKRED(tmp, parent, field); \
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        tmp
= RB_LEFT(parent, field); \
    } \
    if ((RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
        (RB_RIGHT(tmp, field) == NULL || \
        RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
        RB_COLOR(tmp, field) = RB_RED; \
        elm = parent; \

```

```

parent = RB_PARENT(elm, field); \
} else { \
if (RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
    struct type *oright; \
    if ((oright = RB_RIGHT(tmp, field)) \
        != NULL) \
        RB_COLOR(oright, field) = RB_BLACK;\
    RB_COLOR(tmp, field) = RB_RED; \
    RB_ROTATE_LEFT(head, tmp, oright, field);\
    tmp = RB_LEFT(parent, field); \
} \
RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
RB_COLOR(parent, field) = RB_BLACK; \
if (RB_LEFT(tmp, field)) \
    RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
RB_ROTATE_RIGHT(head, parent, tmp, field);\
elm = RB_ROOT(head); \
break; \
} \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \
    int color; \
    if (RB_LEFT(elm, field) == NULL) \
        child = RB_RIGHT(elm, field); \
    else if (RB_RIGHT(elm, field) == NULL) \
        child = RB_LEFT(elm, field); \
    else { \
        struct type *left; \
        elm = RB_RIGHT(elm, field); \
        while ((left = RB_LEFT(elm, field)) != NULL) \
            elm = left; \
        child = RB_RIGHT(elm, field); \
        parent = RB_PARENT(elm, field); \
        color = RB_COLOR(elm, field); \
        if (child) \
            RB_PARENT(child, field) = parent; \
        if (parent) { \
            if (RB_LEFT(parent, field) == elm) \

```

```

    RB_LEFT(parent, field) = child; \
else \
    RB_RIGHT(parent, field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head)
= child; \
if (RB_PARENT(elm, field) == old) \
    parent = elm; \
    (elm)->field = (old)->field; \
if (RB_PARENT(old, field)) { \
    if (RB_LEFT(RB_PARENT(old, field), field) == old)\
        RB_LEFT(RB_PARENT(old, field), field) = elm;\
    else \
        RB_RIGHT(RB_PARENT(old, field), field) = elm;\
    RB_AUGMENT(RB_PARENT(old, field)); \
} else \
    RB_ROOT(head) = elm; \
    RB_PARENT(RB_LEFT(old, field), field) = elm; \
if (RB_RIGHT(old, field)) \
    RB_PARENT(RB_RIGHT(old, field), field) = elm; \
if (parent) { \
    left = parent; \
    do { \
        RB_AUGMENT(left); \
    } while ((left = RB_PARENT(left, field)) != NULL); \
} \
goto color; \
} \
parent = RB_PARENT(elm, field); \
color = RB_COLOR(elm, field); \
if (child) \
    RB_PARENT(child, field) = parent; \
if (parent) { \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else \
        RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\

```

```

/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = cmp(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    RB_SET(elm, parent, field); \
    if (parent != NULL) { \
        if (comp < 0) \
            RB_LEFT(parent, field) = elm; \
        else \
            RB_RIGHT(parent, field) = elm; \
        RB_AUGMENT(parent); \
    } else \
        RB_ROOT(head) = elm; \
    name##_RB_INSERT_COLOR(head, \
    elm); \
    return (NULL); \
} \

```

```

/* Finds the node with the same key as elm */ \
attr struct type * \
name##_RB_FIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (NULL); \
} \

```



```

} \
\
/* Finds the first node greater than or equal to the search key */\
attr struct type * \
name##_RB_NFIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *res = NULL; \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) { \
            res = tmp; \
            tmp = RB_LEFT(tmp, field); \
        } \
        else if (comp > 0) \
            tmp = \
RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (res); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_NEXT(struct type *elm) \
{ \
    if (RB_RIGHT(elm, field)) { \
        elm = RB_RIGHT(elm, field); \
        while (RB_LEFT(elm, field)) \
            elm = RB_LEFT(elm, field); \
    } else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \

```

```

name##_RB_PREV(struct type *elm) \
{ \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    } \
    else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
attr struct type * \
name##_RB_MINMAX(struct name *head, int val) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *parent = NULL; \
    while (tmp) { \
        parent = tmp; \
        if (val < 0) \
            tmp = RB_LEFT(tmp, field); \
        else \
            tmp = RB_RIGHT(tmp, field); \
    } \
    return (parent); \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x, \
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

```

```

#define RB_FOREACH(x, name, head) \
for ((x) = RB_MIN(name, head); \
(x) != NULL; \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y) \
for ((x) = RB_MIN(name, head); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE(x, name, head) \
for ((x) = RB_MAX(name, head); \
(x) != NULL; \
(x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name, \
head, y) \
for ((x) = RB_MAX(name, head); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#endif /* _SYS_TREE_H_ */
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```

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

url="https://www.levien.com/libart/"

arch="all"

options="!check" # No test suite.

license="LGPL-2.0-or-later"

subpackages="\$pkgname-dev"

source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-\$pkgver.tar.bz2"

"

builddir="\$srcdir"/libart-lgpl-\$pkgver

```
prepare() {  
    update_config_sub  
    default_prepare  
}
```

```
build() {  
    ./configure \  
        --build=$CBUILD \  
        --host=$CHOST \  
        --prefix=/usr  
    make  
}
```

```
package() {  
    make DESTDIR="$pkgdir" install  
}
```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001aee9bace727b5b4c8589405256a3c020 libart-lgpl-2.3.21.tar.bz2"

1.254 cpp 14.2.0-r6

1.254.1 Available under license :

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

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```
/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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```

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```
/* Use the Sequent Symmetry assembler syntax. */
```

```
/* Define the syntax of pseudo-ops, labels and comments. */
```

```
/* Prefix for internally generated assembler
   labels. If we aren't using
   underscores, we are using prefix `.'s to identify labels that should
   be ignored, as in `i386/gas.h' --karl@cs.umb.edu */
```

```
#define LPREFIX "L"
```

```
/* Assembler pseudos to introduce constants of various size. */
```

```
#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */
```

```
/* This was suggested, but it shouldn't be right for debugger output. -- RMS
   #define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */
```

```
/* Define the syntax of labels and symbol definitions/declarations. */
```

```
/* This is how to output an assembler line
   that says to advance the location counter by SIZE bytes. */
```

```

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
    fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
   to define a global common symbol. */

#define
    ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
    ( fputs (".comm ", (FILE)), \
      assemble_name ((FILE), (NAME)), \
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
   to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
    ( fputs (".lcomm ", (FILE)), \
      assemble_name ((FILE), (NAME)), \
      fprintf ((FILE), ",%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
    ( fputs (".lcomm ", (FILE)), \
      assemble_name ((FILE), (NAME)), \
      fprintf ((FILE), ",%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
   that says to advance the location counter
   to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
    if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
   the symbol_ref name of an internal numbered
   label where
   PREFIX is the class of label and NUM is the number within the class.
   This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
    sprintf ((BUF), "%s%d", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

```

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```
#ifndef __VTV_H__
#define __VTV_H__
```

```
/* We could have used an enumeration here but it just makes it more
   difficult for the compiler to generate a call to this. These are
   used as arguments to the function __VLTChangePermission, declared
   below. */
```

```
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1
```

```
#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif
```

```
#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
```

```

#else
#if defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#elif defined(__loongarch_lp64)
/* The page size is configurable by the kernel to
be 4, 16 or 64 KiB.
For now, only the default page size of 16KiB is supported. */
#define VTV_PAGE_SIZE 16384
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif

```

```

#endif /* __VTV_H__ */
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```

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1.256 jctools-core 4.0.5

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* /jctools-core-4-0-5-6-jar/META-INF/maven/org.jctools/jctools-core/pom.xml

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Manifest-Version: 1.0
Bnd-LastModified: 1717253512851
Build-Jdk-Spec: 1.8
Bundle-Description: Java Concurrency Tools Core Library
Bundle-License: <http://www.apache.org/licenses/LICENSE-2.0.txt>
Bundle-ManifestVersion: 2
Bundle-Name: Java Concurrency Tools Core Library
Bundle-SymbolicName: org.jctools.core
Bundle-Version: 4.0.5
Created-By: Apache Maven Bundle Plugin 5.1.8
Export-Package: org.jctools.maps;version="4.0.5",org.jctools.util;version="4.0.5";uses="sun.misc",org.jctools.queues;version="4.0.5",org.j


```
ctools.queues.atomic;version="4.0.5";uses:="org.jctools.queues",org.j
ctools.queues.atomic.unpadded;version="4.0.5";uses:="org.jctools.queu
es",org.jctools.queues.unpadded;version="4.0.5";uses:="org.jctools.qu
eues",org.jctools.counters;version="4.0.5"
Import-Package: sun.misc;resolution:=optional
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.6))"
Tool: Bnd-6.3.1.202206071316
```

Found in path(s):

*

/jctools-core-4-0-5-6-jar/META-INF/MANIFEST.MF

1.257 apk-tools 2.14.9-r2

1.257.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 4
# Contributor: Valery Kartel <valery.kartel@gmail.com>
# Maintainer: Celeste <cielesti@protonmail.com>
maintainer="Celeste <cielesti@protonmail.com>"
pkgname=perl-bsd-resource
pkgver=1.2911
pkgrel=10
#_pkgreal is used by apkbuild-cpan to find modules at MetaCpan
_pkgreal=BSD-Resource
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="https://metacpan.org/release/BSD-Resource/"
arch="all"
license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
buildid="$_srcdir/$_pkgreal-$pkgver"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}
```

```

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

# Contributor: Maxim Karasev <begs@disroot.org>
# Maintainer: mio <miyopan@e.email>
pkgname=bsd-games
pkgver=3.3
pkgrel=2
pkgdesc="traditional text mode games from BSD"
url="https://bsd-games.sourceforge.io/"
arch="all"
license="BSD-3-Clause"
install="$pkgname.post-install"
makedepends="ncurses-dev coreutils" # configure causes busybox expr error
subpackages="$pkgname-doc"
source="https://sourceforge.net/projects/bsd-games/files/bsd-games-$pkgver.tar.gz
0001-bsd-games-scores-dir.patch
"

options="!check" # no tests

build() {
    # some GNU autoconf options are ignored, but it works
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
        --sysconfdir=/etc \
        --mandir=/usr/share/man \
        --sourcedir=/usr/share/$pkgname
    make
}

package() {
    make DESTDIR="$pkgdir" install
    install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE
}

sha512sums="
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294

```

```
bsd-games-3.3.tar.gz
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6 0001-bsd-games-scores-dir.patch
"
```

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

url="https://www.levien.com/libart/"

arch="all"

options="!check" # No test suite.

license="LGPL-2.0-or-later"

subpackages="\$pkgname-dev"

source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-\$pkgver.tar.bz2"

"

builddir="\$srcdir"/libart-lgpl-\$pkgver

```
prepare() {
    update_config_sub
    default_prepare
}
```

```
build() {
    ./configure \
```

```

--build=$CBUILD \
--host=$CHOST \
--prefix=/usr
make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
mini_sendmail - accept email on behalf of real sendmail

```

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Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.26.0

pkgrel=0

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

license="CC-BY-3.0"

```

source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdft rdfturtle rdfxml template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt;
    do
        local license=${i##*/}
        echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
67e618d4642dfe4f366935d9514d6f7941d3711e77c49bc1b340ac572d36015981b8f10c72a9f80f1d83e132ae7e5093c
0155e0c0e786e4777ee16d1cb7b885a license-list-data-3.26.0.tar.gz
"

# Contributor: Patrycja Rosa <alpine@ptrcnull.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h
queue.h

```

```

tree.h
"
builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"

```

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The Kohonen neural network code for color optimization was written by Anthony Dekker.

Parts Copyright (c) 1995 by C. Blanc and C. Schlick

The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

```

# Contributor: Dhruvin Gandhi <contact@dhruvin>
# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
pkgname=py3-license-expression
_pkgname=license_expression
pkgver=30.4.1
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gp517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/_pkgname/_pkgname-$pkgver.tar.gz"
buildid="$srcdir/_pkgname-$pkgver"

build() {
    gp517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

check() {
    python3 -m venv --clear --without-pip --system-site-packages .testenv
    .testenv/bin/python3 -m installer .dist/*.whl
    .testenv/bin/python3 -m pytest
}

package() {
    python3 -m installer -d "$pkgdir" \
        .dist/*.whl
}

sha512sums="
114c630f098939757e49187e35b4e54883266a2ee9ca283724992420ef4c860f9606a8342da0ab74d93627c10805f312
fda3f699cbc7c4fbd47a71e220440fb0
license_expression-30.4.1.tar.gz
"

/* $NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp $ */

/*
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- *
- * @(#)queue.h 8.5 (Berkeley) 8/20/94
- */

```
#ifndef _SYS_QUEUE_H_
#define _SYS_QUEUE_H_
```

```
/*
 * This file defines five types of data structures: singly-linked lists,
 * lists, simple queues, tail queues, and circular queues.
 *
 * A singly-linked list is headed by a single forward pointer. The
 * elements are singly linked for minimum space and
 * pointer manipulation
 * overhead at the expense of O(n) removal for arbitrary elements. New
 * elements can be added to the list after an existing element or at the
 * head of the list. Elements being removed from the head of the list
 * should use the explicit macro for this purpose for optimum
 * efficiency. A singly-linked list may only be traversed in the forward
 * direction. Singly-linked lists are ideal for applications with large
 * datasets and few or no removals or for implementing a LIFO queue.
 *
 * A list is headed by a single forward pointer (or an array of forward
 * pointers for a hash table header). The elements are doubly linked
 * so that an arbitrary element can be removed without a need to
 * traverse the list. New elements can be added to the list before
 * or after an existing element or at the head of the list. A list
```


- * may only be traversed in the forward direction.
- *
- * A simple queue is headed by a pair of pointers, one the head of the
- * list and the
- other to the tail of the list. The elements are singly
- * linked to save space, so elements can only be removed from the
- * head of the list. New elements can be added to the list after
- * an existing element, at the head of the list, or at the end of the
- * list. A simple queue may only be traversed in the forward direction.
- *
- * A tail queue is headed by a pair of pointers, one to the head of the
- * list and the other to the tail of the list. The elements are doubly
- * linked so that an arbitrary element can be removed without a need to
- * traverse the list. New elements can be added to the list before or
- * after an existing element, at the head of the list, or at the end of
- * the list. A tail queue may be traversed in either direction.
- *
- * A circle queue is headed by a pair of pointers, one to the head of the
- * list and the other to the tail of the list. The elements are doubly
- * linked so that an arbitrary element can be removed without a need to
- * traverse the list. New elements
- can be added to the list before or after
- * an existing element, at the head of the list, or at the end of the list.
- * A circle queue may be traversed in either direction, but has a more
- * complex end of list detection.
- *
- * For details on the use of these macros, see the queue(3) manual page.
- */

```
/*
 * Include the definition of NULL only on NetBSD because sys/null.h
 * is not available elsewhere. This conditional makes the header
 * portable and it can simply be dropped verbatim into any system.
 * The caveat is that on other systems some other header
 * must provide NULL before the macros can be used.
 */
```

```
#ifdef __NetBSD__
#include <sys/null.h>
#endif
```

```
#if defined(QUEUEDEBUG)
# if defined(_KERNEL)
# define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
# include <err.h>
# define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif
```

```

/*
 * Singly-linked List definitions.
 */
#define SLIST_HEAD(name, type) \
struct name { \
    struct type *slh_first; /* first \
    element */ \
}

#define SLIST_HEAD_INITIALIZER(head) \
{ NULL }

#define SLIST_ENTRY(type) \
struct { \
    struct type *sle_next; /* next element */ \
}

/*
 * Singly-linked List access methods.
 */
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head) NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field) \
for((var) = (head)->slh_first; \
    (var) != SLIST_END(head); \
    (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = SLIST_FIRST((head)); \
    (var) != SLIST_END(head) && \
    ((tvar) = SLIST_NEXT((var), field), 1); \
    (var) = (tvar))

/*
 * Singly-linked List functions.
 */
#define SLIST_INIT(head) do { \
    (head)->slh_first = SLIST_END(head); \
} while (/*CONSTCOND*/)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do { \
    (elm)->field.sle_next = (slistelm)->field.sle_next; \
    (slistelm)->field.sle_next

```

```

= (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do { \
    (elm)->field.sle_next = (head)->slh_first; \
    (head)->slh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do { \
    (slistelm)->field.sle_next = \
        SLIST_NEXT(SLIST_NEXT((slistelm), field), field); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do { \
    (head)->slh_first = (head)->slh_first->field.sle_next; \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do { \
    if ((head)->slh_first == (elm)) { \
        SLIST_REMOVE_HEAD((head), field); \
    } \
    else { \
        struct type *curelm = (head)->slh_first; \
        while(curelm->field.sle_next != (elm)) \
            curelm = curelm->field.sle_next; \
        curelm->field.sle_next = \
            curelm->field.sle_next->field.sle_next; \
    } \
} while (/*CONSTCOND*/0)

/*
 * List definitions.
 */
#define LIST_HEAD(name, type) \
struct name { \
    struct type *lh_first; /* first element */ \
}

#define LIST_HEAD_INITIALIZER(head) \
{ NULL }

#define LIST_ENTRY(type) \
struct { \
    struct type *le_next; /* next element */ \
    struct type **le_prev; /* address of previous next element */ \
}

```

```

/*
 * List access methods.
 */

#define LIST_FIRST(head) ((head)->lh_first)
#define LIST_END(head) NULL
#define LIST_EMPTY(head) ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field) ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field) \
    for ((var) = ((head)->lh_first); \
         (var) != LIST_END(head); \
         (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar) \
    for ((var) = LIST_FIRST((head)); \
         (var) != LIST_END(head) && \
         ((tvar) = LIST_NEXT((var), field), 1); \
         (var) = (tvar))

#define LIST_MOVE(head1, head2) do { \
    LIST_INIT((head2)); \
    if (!LIST_EMPTY((head1))) \
    { \
        (head2)->lh_first = (head1)->lh_first; \
        LIST_INIT((head1)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * List functions.
 */

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field) \
    if ((head)->lh_first && \
        (head)->lh_first->field.le_prev != &(head)->lh_first) \
        QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field) \
    if ((elm)->field.le_next && \
        (elm)->field.le_next->field.le_prev != \
        &(elm)->field.le_next) \
        QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm), \
            __FILE__, __LINE__); \
    if (*(elm)->field.le_prev != (elm)) \
        QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field) \
    (elm)->field.le_next = (void *)1L; \

```

```

(elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_LIST_OP(elm,
    field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do { \
    (head)->lh_first = LIST_END(head); \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    if (((elm)->field.le_next = (listelm)->field.le_next) != \
        LIST_END(head)) \
        (listelm)->field.le_next->field.le_prev = \
            &(elm)->field.le_next; \
    (listelm)->field.le_next = (elm); \
    (elm)->field.le_prev = &(listelm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    (elm)->field.le_prev = (listelm)->field.le_prev; \
    (elm)->field.le_next = (listelm); \
    *(listelm)->field.le_prev = (elm); \
    (listelm)->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.le_next \
        = (head)->lh_first) != LIST_END(head)) \
        (head)->lh_first->field.le_prev = &(elm)->field.le_next; \
    (head)->lh_first = (elm); \
    (elm)->field.le_prev = &(head)->lh_first; \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do { \
    QUEUEDEBUG_LIST_OP((elm), field) \
    if ((elm)->field.le_next != NULL) \
        (elm)->field.le_next->field.le_prev = \
            (elm)->field.le_prev; \
    *(elm)->field.le_prev = (elm)->field.le_next; \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

```

```

#define LIST_REPLACE(elm, elm2, field) do { \
    if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
        (elm2)->field.le_next->field.le_prev = \
            &(elm2)->field.le_next; \
    (elm2)->field.le_prev = (elm)->field.le_prev; \
    *(elm2)->field.le_prev = (elm2); \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

/*
 * Simple queue definitions.
 */
#define SIMPLEQ_HEAD(name, type) \
struct name { \
    struct \
    type *sqh_first; /* first element */ \
    struct type **sqh_last; /* addr of last next element */ \
}

#define SIMPLEQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type) \
struct { \
    struct type *sqe_next; /* next element */ \
}

/*
 * Simple queue access methods.
 */
#define SIMPLEQ_FIRST(head) ((head)->sqh_first)
#define SIMPLEQ_END(head) NULL
#define SIMPLEQ_EMPTY(head) ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->sqh_first); \
     (var) != SIMPLEQ_END(head); \
     (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->sqh_first); \
     (var) != SIMPLEQ_END(head) && \
     ((next = ((var)->field.sqe_next)), 1); \
     (var) = (next))

/*
 * Simple queue functions.

```

```

*/
#define SIMPLEQ_INIT(head) do { \
    (head)->sqh_first = NULL; \
    (head)->sqh_last \
    = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
    (head)->sqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.sqe_next = NULL; \
    *(head)->sqh_last = (elm); \
    (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
    (listelm)->field.sqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do { \
    if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
        (head)->sqh_last = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do { \
    if \
        (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
         == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do { \
    if ((head)->sqh_first == (elm)) { \
        SIMPLEQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->sqh_first; \
        while (curelm->field.sqe_next != (elm)) \
            curelm = curelm->field.sqe_next; \
        if ((curelm->field.sqe_next = \
            curelm->field.sqe_next->field.sqe_next) == NULL) \
            (head)->sqh_last = &(curelm)->field.sqe_next; \
    } \
} \

```

```

} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do { \
    if (!SIMPLEQ_EMPTY((head2))) { \
        *(head1)->sqh_last = (head2)->sqh_first; \
        (head1)->sqh_last = (head2)->sqh_last; \
        SIMPLEQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field) \
    (SIMPLEQ_EMPTY((head)) ? \
     NULL : \
     ((struct type \
      *) (void *) \
      ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
 * Tail queue definitions.
 */
#define _TAILQ_HEAD(name, type, qual) \
    struct name { \
        qual type *tqh_first; /* first element */ \
        qual type *qual *tqh_last; /* addr of last next element */ \
    }
#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head) \
    { TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual) \
    struct { \
        qual type *tqe_next; /* next element */ \
        qual type *qual *tqe_prev; /* address of previous next element */ \
    }
#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
 * Tail queue access methods.
 */
#define TAILQ_FIRST(head) ((head)->tqh_first)
#define TAILQ_END(head) (NULL)
#define TAILQ_NEXT(elm, field) ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
    (((struct headname *) (void *)((head)->tqh_last))->tqh_last)
#define TAILQ_PREV(elm, headname, field) \
    (((struct headname

```



```

*)(void *)((elm)->field.tqe_prev)->tqh_last))
#define TAILQ_EMPTY(head) (TAILQ_FIRST(head) == TAILQ_END(head))

#define TAILQ_FOREACH(var, head, field) \
for ((var) = ((head)->tqh_first); \
     (var) != TAILQ_END(head); \
     (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->tqh_first); \
     (var) != TAILQ_END(head) && \
     ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field) \
for ((var) = TAILQ_LAST((head), headname); \
     (var) != TAILQ_END(head); \
     (var) = TAILQ_PREV((var), headname, field))

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
for ((var) = TAILQ_LAST((head), headname); \
     (var) != TAILQ_END(head) && \
     ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
 * Tail queue functions.
 */
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, \
elm, field) \
if ((head)->tqh_first && \
     (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field) \
if (*(head)->tqh_last != NULL) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field) \
if ((elm)->field.tqe_next && \
     (elm)->field.tqe_next->field.tqe_prev != \
     &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
if (*(elm)->field.tqe_prev != (elm)) \
    QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field) \

```

```

if ((elm)->field.tqe_next == NULL && \
    (head)->tqh_last != &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d",\
        (head), (elm), __FILE__,
        __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field) \
    (elm)->field.tqe_next = (void *)1L; \
    (elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do { \
    (head)->tqh_first = TAILQ_END(head); \
    (head)->tqh_last = &(head)->tqh_first; \
} while (!*CONSTCOND*0)

#define TAILQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head))\
        (head)->tqh_first->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (head)->tqh_first = (elm); \
    (elm)->field.tqe_prev = &(head)->tqh_first; \
} while (!*CONSTCOND*0)

#define TAILQ_INSERT_TAIL(head, \
    elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_TAIL((head), (elm), field) \
    (elm)->field.tqe_next = TAILQ_END(head); \
    (elm)->field.tqe_prev = (head)->tqh_last; \
    *(head)->tqh_last = (elm); \
    (head)->tqh_last = &(elm)->field.tqe_next; \
} while (!*CONSTCOND*0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBUG_TAILQ_OP((listelm), field) \
    if (((elm)->field.tqe_next = (listelm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \

```

```

(head)->tqh_last = &(elm)->field.tqe_next; \
(listelm)->field.tqe_next = (elm); \
(elm)->field.tqe_prev = &(listelm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_OP((listelm), field) \
    (elm)->field.tqe_prev = (listelm)->field.tqe_prev; \
    (elm)->field.tqe_next = (listelm); \
    *(listelm)->field.tqe_prev = (elm); \
    (listelm)->field.tqe_prev \
    = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_REMOVE(head, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_PREREMOVE((head), (elm), field) \
    QUEUEDEBDEBUG_TAILQ_OP((elm), field) \
    if (((elm)->field.tqe_next != TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            (elm)->field.tqe_prev; \
    else \
        (head)->tqh_last = (elm)->field.tqe_prev; \
    *(elm)->field.tqe_prev = (elm)->field.tqe_next; \
    QUEUEDEBDEBUG_TAILQ_POSTREMOVE((elm), field); \
} while (/*CONSTCOND*/0)

#define TAILQ_REPLACE(head, elm, elm2, field) do { \
    if (((elm2)->field.tqe_next = (elm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm2)->field.tqe_next->field.tqe_prev = \
            &(elm2)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm2)->field.tqe_next; \
    (elm2)->field.tqe_prev = (elm)->field.tqe_prev; \
    *(elm2)->field.tqe_prev = (elm2); \
    QUEUEDEBDEBUG_TAILQ_POSTREMOVE((elm), \
    field); \
} while (/*CONSTCOND*/0)

#define TAILQ_CONCAT(head1, head2, field) do { \
    if (!TAILQ_EMPTY(head2)) { \
        *(head1)->tqh_last = (head2)->tqh_first; \
        (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
        (head1)->tqh_last = (head2)->tqh_last; \
        TAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

```

```

/*
 * Singly-linked Tail queue declarations.
 */
#define STAILQ_HEAD(name, type)  \
struct name {                    \
    struct type *stqh_first; /* first element */ \
    struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head)  \
{ NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type)  \
struct {                    \
    struct type *stqe_next; /* next element */ \
}

/*
 * Singly-linked Tail queue access methods.
 */
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head) \
    == STAILQ_END(head))

/*
 * Singly-linked Tail queue functions.
 */
#define STAILQ_INIT(head) do { \
    (head)->stqh_first = NULL; \
    (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (head)->stqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.stqe_next = NULL; \
    *(head)->stqh_last = (elm); \
    (head)->stqh_last = &(elm)->field.stqe_next; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL) \

```

```

(head)->stqh_last = &(elm)->field.stqe_next; \
(listelm)->field.stqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do { \
if (((head)->stqh_first = (head)->stqh_first->field.stqe_next) \
== NULL) \
(head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do { \
if ((head)->stqh_first == (elm)) { \
STAILQ_REMOVE_HEAD((head), field); \
} else { \
struct type *curelm = (head)->stqh_first; \
while (curelm->field.stqe_next != (elm)) \
curelm = curelm->field.stqe_next; \
if ((curelm->field.stqe_next = \
curelm->field.stqe_next->field.stqe_next) == NULL) \
(head)->stqh_last = &(curelm)->field.stqe_next; \
} \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field) \
for ((var) = ((head)->stqh_first); \
(var); \
(var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = STAILQ_FIRST((head)); \
(var) && ((tvar) = STAILQ_NEXT((var), field), 1); \
(var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do { \
if (!STAILQ_EMPTY((head2))) { \
*(head1)->stqh_last \
= (head2)->stqh_first; \
(head1)->stqh_last = (head2)->stqh_last; \
STAILQ_INIT((head2)); \
} \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field) \
(STAILQ_EMPTY((head)) ? \
NULL : \
((struct type *) (void *) \
((char *) ((head)->stqh_last) - offsetof(struct type, field))))

```

```

#ifndef _KERNEL
/*
 * Circular queue definitions. Do not use. We still keep the macros
 * for compatibility but because of pointer aliasing issues their use
 * is discouraged!
 */

/*
 * __launder_type(): We use this ugly hack to work around the the compiler
 * noticing that two types may not alias each other and elide tests in code.
 * We hit this in the CIRCLEQ macros when comparing 'struct name *' and
 * 'struct type *' (see CIRCLEQ_HEAD()). Modern compilers (such as GCC
 * 4.8) declare these comparisons as always false, causing the code to
 * not run as designed.
 *
 * This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
 *
 * If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
 * this by changing the head/tail sentinel values, but see the note above
 * this one.
 */
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
    __asm __volatile("" : "+r" (__x));
    return __x;
}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field) \
    if ((head)->cqh_first != CIRCLEQ_ENDC(head) && \
        (head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
        QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
            __FILE__, __LINE__); \
    if ((head)->cqh_last != CIRCLEQ_ENDC(head) && \
        (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
        QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) { \
        if ((head)->cqh_last != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ \
elm last %p %s:%d", \
                (elm), __FILE__, __LINE__); \
    } else { \

```

```

if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
    QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
        (elm), __FILE__, __LINE__); \
} \
if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_first != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
            (elm), __FILE__, __LINE__); \
}
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field) \
    (elm)->field.cqe_next = (void *)1L; \
    (elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type) \
    struct name { \
        struct type *cqh_first; /* \
        first element */ \
        struct type *cqh_last; /* last element */ \
    }

#define CIRCLEQ_HEAD_INITIALIZER(head) \
    { CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type) \
    struct { \
        struct type *cqe_next; /* next element */ \
        struct type *cqe_prev; /* previous element */ \
    }

/*
 * Circular queue functions.
 */
#define CIRCLEQ_INIT(head) do { \
    (head)->cqh_first = CIRCLEQ_END(head); \
    (head)->cqh_last = CIRCLEQ_END(head); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \

```

```

QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
(elm)->field.cqe_next = (listelm)->field.cqe_next; \
(elm)->field.cqe_prev = (listelm); \
if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
(head)->cqh_last = (elm); \
else \
(listelm)->field.cqe_next->field.cqe_prev = (elm); \
(listelm)->field.cqe_next = (elm); \
} while (/*CONSTCOND*/0)

```

```

#define CIRCLEQ_INSERT_BEFORE(head,
listelm, elm, field) do { \
QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
(elm)->field.cqe_next = (listelm); \
(elm)->field.cqe_prev = (listelm)->field.cqe_prev; \
if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
(head)->cqh_first = (elm); \
else \
(listelm)->field.cqe_prev->field.cqe_next = (elm); \
(listelm)->field.cqe_prev = (elm); \
} while (/*CONSTCOND*/0)

```

```

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do { \
QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
(elm)->field.cqe_next = (head)->cqh_first; \
(elm)->field.cqe_prev = CIRCLEQ_END(head); \
if ((head)->cqh_last == CIRCLEQ_ENDC(head)) \
(head)->cqh_last = (elm); \
else \
(head)->cqh_first->field.cqe_prev = (elm); \
(head)->cqh_first = (elm); \
} while (/*CONSTCOND*/0)

```

```

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do { \
QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
(elm)->field.cqe_next
= CIRCLEQ_END(head); \
(elm)->field.cqe_prev = (head)->cqh_last; \
if ((head)->cqh_first == CIRCLEQ_ENDC(head)) \
(head)->cqh_first = (elm); \
else \
(head)->cqh_last->field.cqe_next = (elm); \
(head)->cqh_last = (elm); \
} while (/*CONSTCOND*/0)

```

```

#define CIRCLEQ_REMOVE(head, elm, field) do { \
QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \

```



```

QUEUEDEBUG_CIRCLEQ_ELM((head), (elm), field) \
if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
    (head)->cqh_last = (elm)->field.cqe_prev; \
else \
    (elm)->field.cqe_next->field.cqe_prev = \
        (elm)->field.cqe_prev; \
if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
    (head)->cqh_first = (elm)->field.cqe_next; \
else \
    (elm)->field.cqe_prev->field.cqe_next = \
        (elm)->field.cqe_next; \
QUEUEDEBUG_CIRCLEQ_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

```

```

#define CIRCLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->cqh_first); \
    (var) != CIRCLEQ_ENDC(head); \
    (var) \
    = ((var)->field.cqe_next))

```

```

#define CIRCLEQ_FOREACH_REVERSE(var, head, field) \
for ((var) = ((head)->cqh_last); \
    (var) != CIRCLEQ_ENDC(head); \
    (var) = ((var)->field.cqe_prev))

```

/*

* Circular queue access methods.

*/

```

#define CIRCLEQ_FIRST(head) ((head)->cqh_first)
#define CIRCLEQ_LAST(head) ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head) (__laundry_type(head))
/* For assignments */
#define CIRCLEQ_END(head) ((void*)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head) \
    (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

```

```

#define CIRCLEQ_LOOP_NEXT(head, elm, field) \
(((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
 ? ((head)->cqh_first) \
 : (elm)->field.cqe_next)
#define CIRCLEQ_LOOP_PREV(head, elm, field) \
(((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
 ? ((head)->cqh_last) \
 :

```

```

(elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */
#ifndef _SYS_CDEFS_H_
#define _SYS_CDEFS_H_

#warning usage of non-standard #include <sys/cdefs.h> is deprecated

#undef __P
#undef __PMT

#define __P(args) args
#define __PMT(args) args

#define __CONCAT(x,y) x ## y
#define __STRING(x) #x

#ifdef __cplusplus
# define __BEGIN_DECLS extern "C" {
# define __END_DECLS }
#else
# define __BEGIN_DECLS
# define __END_DECLS
#endif

#if defined(__GNUC__) && !defined(__cplusplus)
# define __THROW __attribute__((__nothrow__))
# define __NTH(fct) __attribute__((__nothrow__)) fct
#else
# define __THROW
# define __NTH(fct) fct
#endif

#endif /* _SYS_CDEFS_H_ */
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>
pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gp517 py3-wheel"

```

```

subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright"          # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

package() {
    gpep517 install-wheel --destdir "$pkgdir" \
        .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
    flake8-copyright-0.2.4.tar.gz
"

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```

Version 2, June 1991

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pkgname=cargo-license

pkgver=0.6.1

pkgrel=1

pkgdesc="Cargo subcommand to see license of dependencies"

url="https://github.com/onur/cargo-license"

arch="all"

license="MIT"

makedepends="cargo cargo-auditable"

source="\$pkgname-\$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/\$pkgver/download"

prepare() {

default_prepare

cargo fetch --target="\$CTARGET" --locked

}

build() {

cargo auditable build --release --frozen

}

check() {

```

cargo test --frozen
}

package() {
install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin
}

sha512sums="
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00
272d796ac634f0a5e1d49232b6b29d5 cargo-license-0.6.1.tar.gz
"

/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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*/

#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
 (__GNUC__ > (x)))
#else

```

```

#define __GNUC_PREREQ__(x, y) 0
#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
 * This file defines data structures for different types of trees:
 * splay trees and red-black trees.
 *
 * A splay tree is a self-organizing
 * data structure. Every operation
 * on the tree causes a splay to happen. The splay moves the requested
 * node to the root of the tree and partly rebalances it.
 *
 * This has the benefit that request locality causes faster lookups as
 * the requested nodes move to the top of the tree. On the other hand,
 * every lookup causes memory writes.
 *
 * The Balance Theorem bounds the total access time for m operations
 * and n inserts on an initially empty tree as  $O((m + n)\lg n)$ . The
 * amortized cost for a sequence of m accesses to a splay tree is  $O(\lg n)$ ;
 *
 * A red-black tree is a binary search tree with the node color as an
 * extra attribute. It fulfills a set of conditions:
 * - every search path from the root to a leaf consists of the
 *   same number of black nodes,
 * - each red node (except for the root) has a black parent,
 * - each leaf node is black.
 *
 * Every operation on a red-black tree is bounded as  $O(\lg n)$ .
 * The maximum height of a red-black tree is  $2\lg(n+1)$ .
 */

#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}

#define SPLAY_INITIALIZER(root) \
{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)

```

```

#define SPLAY_ENTRY(type)    \
struct {                    \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define

```

```

    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
\
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
\
static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \
            elm = SPLAY_LEFT(elm, field); \
        } \
    } \
    else \
        elm = NULL; \
    return (elm); \
} \
\
static _sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
} \
\
/* Main splay operation.
 * Moves node close to the key of elm to top
 */
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) { \

```

```

    SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
} else { \
    int __comp; \
    name##_SPLAY(head, elm); \
    __comp = (cmp)(elm, (head)->sph_root); \
    if(__comp < 0) { \
        SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
        SPLAY_RIGHT(elm, field) = (head)->sph_root; \
        SPLAY_LEFT((head)->sph_root, field) = NULL; \
    } else if (__comp > 0) { \
        SPLAY_RIGHT(elm,
field) = SPLAY_RIGHT((head)->sph_root, field);\
        SPLAY_LEFT(elm, field) = (head)->sph_root; \
        SPLAY_RIGHT((head)->sph_root, field) = NULL; \
    } else \
        return ((head)->sph_root); \
} \
(head)->sph_root = (elm); \
return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \
        return (NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) { \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
            (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
        } else { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field);\
            (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
            name##_SPLAY(head, elm); \
            SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
        } \
        return (elm); \
    } \
    return (NULL); \
} \
\
void \
name##_SPLAY(struct
name *head, struct type *elm) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    int __comp; \

```

```

\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node; \
\
while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
if (__comp < 0) { \
__tmp = SPLAY_LEFT((head)->sph_root, field);\
if (__tmp == NULL) \
break; \
if ((cmp)(elm, __tmp) < 0){ \
SPLAY_ROTATE_RIGHT(head, __tmp, field);\
if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
break; \
} \
SPLAY_LINKLEFT(head, __right, field);\
} else if (__comp > 0) { \
__tmp = SPLAY_RIGHT((head)->sph_root, field);\
if (__tmp == NULL) \
break; \
if ((cmp)(elm, __tmp) > 0){ \
SPLAY_ROTATE_LEFT(head, __tmp, field);\
if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
break; \
} \
SPLAY_LINKRIGHT(head, __left, field);\
} \
} \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field);\
} \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
struct type __node, *__left, *__right, *__tmp; \
\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node; \
\
while (1) { \
if (__comp < 0) { \
__tmp = SPLAY_LEFT((head)->sph_root, field);\
if (__tmp == NULL) \
break; \
if (__comp < 0){ \
SPLAY_ROTATE_RIGHT(head, __tmp, field);\

```



```

    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
        break; \
} \
SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
    __tmp = SPLAY_RIGHT((head)->sph_root, field);\
    if (__tmp == NULL) \
        break; \
    if (__comp > 0) { \
        SPLAY_ROTATE_LEFT(head, __tmp, field);\
        if (SPLAY_RIGHT((head)->sph_root,
field) == NULL)\
            break; \
    } \
    SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
struct name { \
    struct type *rbh_root; /* root of the tree */ \
}

#define RB_INITIALIZER(root) \
{ \
    NULL \
}

#define RB_INIT(root) do { \

```

```

(root)->rbh_root = NULL;  \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type)  \
struct {  \
    struct type *rbe_left; /* left element */ \
    struct type *rbe_right; /* right element */ \
    struct type *rbe_parent; /* parent element */ \
    int rbe_color; /* node color */ \
}

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do {  \
    RB_PARENT(elm, field) = parent;  \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED;  \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do {  \
    RB_COLOR(black, field) = RB_BLACK;  \
    RB_COLOR(red, field) \
    = RB_RED;  \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do {  \
    (tmp) = RB_RIGHT(elm, field);  \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    }  \
    RB_AUGMENT(elm);  \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else  \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else  \

```

```

(head)->rbh_root = (tmp); \
RB_LEFT(tmp, field) = (elm); \
RB_PARENT(elm, field) = (tmp); \
RB_AUGMENT(tmp); \
if ((RB_PARENT(tmp, field))) \
    RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
        != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
        type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *); \
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \
    attr struct type *name##_RB_PREV(struct type *); \
    attr struct type *name##_RB_MINMAX(struct name *, int); \
    \

/* Main rb operation.

```

```

* Moves node close to the key of elm to top
*/
#define RB_GENERATE(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
    attr void \
name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
{ \
    struct type \
    *parent, *gparent, *tmp; \
    while ((parent = RB_PARENT(elm, field)) != NULL && \
        RB_COLOR(parent, field) == RB_RED) { \
        gparent = RB_PARENT(parent, field); \
        if (parent == RB_LEFT(gparent, field)) { \
            tmp = RB_RIGHT(gparent, field); \
            if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                RB_COLOR(tmp, field) = RB_BLACK; \
                RB_SET_BLACKRED(parent, gparent, field); \
                elm = gparent; \
                continue; \
            } \
            if (RB_RIGHT(parent, field) == elm) { \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                tmp = parent; \
                parent = elm; \
                elm = tmp; \
            } \
            RB_SET_BLACKRED(parent, gparent, field); \
            RB_ROTATE_RIGHT(head, gparent, tmp, field); \
        } else { \
            tmp = RB_LEFT(gparent, field); \
            if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                RB_COLOR(tmp, field) = RB_BLACK; \
                RB_SET_BLACKRED(parent, gparent, field); \
                elm = gparent; \
                continue; \
            } \
            if (RB_LEFT(parent, field) == elm) \
        { \
            RB_ROTATE_RIGHT(head, parent, tmp, field); \
            tmp = parent; \
            parent = elm; \
            elm = tmp; \
        } \
        RB_SET_BLACKRED(parent, gparent, field); \
        RB_ROTATE_LEFT(head, gparent, tmp, field); \
    }

```

```

    } \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
    \
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp, \
field), field) == RB_BLACK)) {\
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \
                parent = RB_PARENT(elm, field); \
            } else { \
                if (RB_RIGHT(tmp, field) == NULL || \
                    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
                    struct type *oleft; \
                    if ((oleft = RB_LEFT(tmp, field)) \
                        != NULL) \
                        RB_COLOR(oleft, field) = RB_BLACK;\
                    RB_COLOR(tmp, field) = RB_RED; \
                    RB_ROTATE_RIGHT(head, tmp, oleft, field);\
                    tmp = RB_RIGHT(parent, field); \
                } \
                RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
                RB_COLOR(parent, field) = RB_BLACK; \
                if (RB_RIGHT(tmp, field)) \
                    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                elm = RB_ROOT(head); \
                break; \
            } \
        } else { \
            tmp = RB_LEFT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \

```

```

    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp
= RB_LEFT(parent, field); \
} \
if ((RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
    (RB_RIGHT(tmp, field) == NULL || \
    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED; \
    elm = parent; \
    parent = RB_PARENT(elm, field); \
} else { \
    if (RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
        struct type *oright; \
        if ((oright = RB_RIGHT(tmp, field)) \
            != NULL) \
            RB_COLOR(oright, field) = RB_BLACK;\
        RB_COLOR(tmp, field) = RB_RED; \
        RB_ROTATE_LEFT(head, tmp, oright, field);\
        tmp = RB_LEFT(parent, field); \
    } \
    RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
    RB_COLOR(parent, field) = RB_BLACK; \
    if (RB_LEFT(tmp, field)) \
        RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    elm = RB_ROOT(head); \
    break; \
} \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \
    int color; \
    if (RB_LEFT(elm, field) == NULL) \
        child = RB_RIGHT(elm, field); \
    else if (RB_RIGHT(elm, field) == NULL) \
        child = RB_LEFT(elm, field); \
    else { \

```

```

struct type *left;  \
elm = RB_RIGHT(elm, field);  \
while ((left = RB_LEFT(elm, field)) != NULL) \
    elm = left;  \
child = RB_RIGHT(elm, field);  \
parent = RB_PARENT(elm, field);  \
color = RB_COLOR(elm, field);  \
if (child)  \
    RB_PARENT(child, field) = parent; \
if (parent) {  \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else  \
        RB_RIGHT(parent, field) = child; \
    RB_AUGMENT(parent);  \
} else  \
    RB_ROOT(head)
= child;  \
if (RB_PARENT(elm, field) == old) \
    parent = elm;  \
(elm)->field = (old)->field;  \
if (RB_PARENT(old, field)) {  \
    if (RB_LEFT(RB_PARENT(old, field), field) == old)\
        RB_LEFT(RB_PARENT(old, field), field) = elm;\
    else  \
        RB_RIGHT(RB_PARENT(old, field), field) = elm;\
    RB_AUGMENT(RB_PARENT(old, field)); \
} else  \
    RB_ROOT(head) = elm;  \
RB_PARENT(RB_LEFT(old, field), field) = elm; \
if (RB_RIGHT(old, field))  \
    RB_PARENT(RB_RIGHT(old, field), field) = elm; \
if (parent) {  \
    left = parent;  \
    do {  \
        RB_AUGMENT(left); \
    } while ((left = RB_PARENT(left, field)) != NULL); \
}  \
goto color;  \
}  \
parent = RB_PARENT(elm, field);  \
color = RB_COLOR(elm, field);  \
if (child)  \
    RB_PARENT(child, field) = parent; \
if (parent) {  \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else  \

```

```

    RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\
/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = (cmp)(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    RB_SET(elm, parent, field); \
    if (parent != NULL) { \
        if (comp < 0) \
            RB_LEFT(parent, field) = elm; \
        else \
            RB_RIGHT(parent, field) = elm; \
        RB_AUGMENT(parent); \
    } else \
        RB_ROOT(head) = elm; \
    name##_RB_INSERT_COLOR(head,
elm); \
    return (NULL); \
} \
\
/* Finds the node with the same key as elm */ \
attr struct type * \
name##_RB_FIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \

```



```

int comp;    \
while (tmp) {    \
    comp = cmp(elm, tmp);    \
    if (comp < 0)    \
        tmp = RB_LEFT(tmp, field);    \
    else if (comp > 0)    \
        tmp = RB_RIGHT(tmp, field);    \
    else    \
        return (tmp);    \
}    \
return (NULL);    \
}    \
    \
/* Finds the first node greater than or equal to the search key */\
attr struct type *    \
name##_RB_NFIND(struct name *head, struct type *elm)    \
{    \
    struct type *tmp = RB_ROOT(head);    \
    struct type *res = NULL;    \
    int comp;    \
    while (tmp) {    \
        comp = cmp(elm, tmp);    \
        if (comp < 0) {    \
            res = tmp;    \
            tmp = RB_LEFT(tmp, field);    \
        }    \
        else if (comp > 0)    \
            tmp =    \
RB_RIGHT(tmp, field);    \
        else    \
            return (tmp);    \
    }    \
    return (res);    \
}    \
    \
/* ARGSUSED */    \
attr struct type *    \
name##_RB_NEXT(struct type *elm)    \
{    \
    if (RB_RIGHT(elm, field)) {    \
        elm = RB_RIGHT(elm, field);    \
        while (RB_LEFT(elm, field))    \
            elm = RB_LEFT(elm, field);    \
    } else {    \
        if (RB_PARENT(elm, field) &&    \
            (elm == RB_LEFT(RB_PARENT(elm, field), field)))    \
            elm = RB_PARENT(elm, field);    \
        else {    \

```

```

while (RB_PARENT(elm, field) && \
      (elm == RB_RIGHT(RB_PARENT(elm, field), field)))\
    elm = RB_PARENT(elm, field); \
elm = RB_PARENT(elm, field); \
} \
} \
return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_PREV(struct type *elm) \
{ \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    } \
    else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                    (elm == RB_LEFT(RB_PARENT(elm, field), field)))\
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
attr struct type * \
name##_RB_MINMAX(struct name *head, int val) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *parent = NULL; \
    while (tmp) { \
        parent = tmp; \
        if (val < 0) \
            tmp = RB_LEFT(tmp, field); \
        else \
            tmp = RB_RIGHT(tmp, field); \
    } \
    return (parent); \
}

```

```

#define RB_NEGINF -1

```

```

#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head) \
for ((x) = RB_MIN(name, head); \
(x) != NULL; \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y) \
for ((x) = RB_MIN(name, head); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE(x, name, head) \
for ((x) = RB_MAX(name, head); \
(x) != NULL; \
(x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name,
head, y) \
for ((x) = RB_MAX(name, head); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#endif /* _SYS_TREE_H_ */

```

1.258 musl-utils 1.2.5-r10

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

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Any

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<<http://www.gnu.org/licenses/>>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler
labels. If we aren't using
underscores, we are using prefix `.'s to identify labels that should

be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"

#define ASM_SHORT "\t.word\t"

#define ASM_LONG "\t.long\t"

#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for debugger output. -- RMS

#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line

that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \

fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line

to define a global common symbol. */

#define

ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \

(fputs (".comm ", (FILE)), \

assemble_name ((FILE), (NAME)), \

fprintf ((FILE), "%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line

to define a local common symbol. */

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \

(fputs (".lcomm ", (FILE)), \

assemble_name ((FILE), (NAME)), \

fprintf ((FILE), "%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT

#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \

(fputs (".lcomm ", (FILE)), \

assemble_name ((FILE), (NAME)), \

fprintf ((FILE), "%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))

#endif

```

/* This is how to output an assembler line
   that says to advance the location counter
   to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
if ((LOG)!=0) fprintf ((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
   the symbol_ref name of an internal numbered
   label where
   PREFIX is the class of label and NUM is the number within the class.
   This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
    sprintf ((BUF), "%s%d", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

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```

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```

#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
   difficult for the compiler to generate a call to this. These are
   used as arguments to the function __VLTChangePermission, declared
   below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#ifdef defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#elif defined(__loongarch_lp64)
/* The page size is configurable by the kernel to
   be 4, 16 or 64 KiB.
   For now, only the default page size of 16KiB is supported. */
#define VTV_PAGE_SIZE 16384
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif

#endif /* __VTV_H__ */

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1.260 libstdc++ 14.2.0-r6

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```
Gnomovision version 69, Copyright (C) year name of author
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under certain conditions; type `show c' for details.
```

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```
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`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

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

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Version 2.1, February 1999

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Any

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```
/* Definitions for BSD assembler syntax for Intel 386
   (actually AT&T syntax for insns and operands,
   adapted to BSD conventions for symbol names and debugging.)
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```

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<<http://www.gnu.org/licenses/>>. */

/* Use the Sequent Symmetry assembler syntax. */

/* Define the syntax of pseudo-ops, labels and comments. */

/* Prefix for internally generated assembler
labels. If we aren't using
underscores, we are using prefix `.'s to identify labels that should
be ignored, as in `i386/gas.h' --karl@cs.umb.edu */

#define LPREFIX "L"

/* Assembler pseudos to introduce constants of various size. */

#define ASM_BYTE "\t.byte\t"
#define ASM_SHORT "\t.word\t"
#define ASM_LONG "\t.long\t"
#define ASM_QUAD "\t.quad\t" /* Should not be used for 32bit compilation. */

/* This was suggested, but it shouldn't be right for debugger output. -- RMS
#define ASM_OUTPUT_SOURCE_FILENAME(FILE, NAME) */

/* Define the syntax of labels and symbol definitions/declarations. */

/* This is how to output an assembler line
that says to advance the location counter by SIZE bytes. */

#define ASM_OUTPUT_SKIP(FILE,SIZE) \
fprintf (FILE, "\t.space " HOST_WIDE_INT_PRINT_UNSIGNED"\n", (SIZE))

/* Define the syntax of labels and symbol definitions/declarations. */

/* This says how to output an assembler line
to define a global common symbol. */

#define
ASM_OUTPUT_COMMON(FILE, NAME, SIZE, ROUNDED) \
(fputs (".comm ", (FILE)), \
assemble_name ((FILE), (NAME)), \
fprintf ((FILE), "%u\n", (int)(ROUNDED)))

/* This says how to output an assembler line
to define a local common symbol. */

```

#define ASM_OUTPUT_LOCAL(FILE, NAME, SIZE, ROUNDED) \
( fputs(".lcomm ", (FILE)), \
assemble_name((FILE), (NAME)), \
fprintf((FILE), "%u\n", (int)(ROUNDED)))

#ifdef HAVE_GAS_LCOMM_WITH_ALIGNMENT
#define ASM_OUTPUT_ALIGNED_LOCAL(FILE, NAME, SIZE, ALIGNMENT) \
( fputs(".lcomm ", (FILE)), \
assemble_name((FILE), (NAME)), \
fprintf((FILE), "%u,%u\n", (int)(SIZE), (int)(ALIGNMENT) / BITS_PER_UNIT))
#endif

/* This is how to output an assembler line
that says to advance the location counter
to a multiple of 2**LOG bytes. */

#define ASM_OUTPUT_ALIGN(FILE,LOG) \
if ((LOG)!=0) fprintf((FILE), "\t.align %d\n", (LOG))

/* This is how to store into the string BUF
the symbol_ref name of an internal numbered
label where
PREFIX is the class of label and NUM is the number within the class.
This is suitable for output with `assemble_name'. */

#define ASM_GENERATE_INTERNAL_LABEL(BUF,PREFIX,NUMBER) \
sprintf((BUF), "%s%d", (PREFIX), (long)(NUMBER))

/* The prefix to add to user-visible assembler symbols. */

#define USER_LABEL_PREFIX "_"

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```

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Foundation, Inc., 51 Franklin Street - Fifth Floor, Boston, MA
02110-1301, USA. */

```
#ifndef __VTV_H__
#define __VTV_H__

/* We could have used an enumeration here but it just makes it more
difficult for the compiler to generate a call to this. These are
used as arguments to the function __VLTChangePermission, declared
below. */
#define __VLTP_READ_ONLY 0
#define __VLTP_READ_WRITE 1

#ifdef __cplusplus
extern "C" void __VLTChangePermission (int);
#else
extern void __VLTChangePermission (int);
#endif

#ifdef BIG_PAGE_SIZE
/* TODO - Replace '4096' below with correct big page size. */
#define VTV_PAGE_SIZE 4096
#else
#ifdef defined(__sun__) && defined(__svr4__) && defined(__sparc__)
#define VTV_PAGE_SIZE 8192
#elif defined(__loongarch_lp64)
/* The page size is configurable by the kernel to
be 4, 16 or 64 KiB.
For now, only the default page size of 16KiB is supported. */
#define VTV_PAGE_SIZE 16384
#else
#define VTV_PAGE_SIZE 4096
#endif
#endif

#endif /* __VTV_H__ */
```

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Version 3, 29 June 2007

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Calling this script install-sh is preferred over install.sh, to prevent
'make' implicit rules from creating a file called install from it
when there is no Makefile.

This script is compatible with the BSD install script, but was written
from scratch. It can only install one file at a time, a restriction
shared with many OS's install programs.

On Debian systems, the complete text of the GNU General
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-- vile: txtmode file-encoding=utf-8

Upstream source <https://invisible-island.net/ncurses/ncurses.html>

This package is used for testing builds of ncurses.

Current ncurses maintainer: Thomas Dickey <dickey@invisible-island.net>

Files: *

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Files: doc/html/NCURSES-Programming-HOWTO.html

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Files:

install-sh

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Files: progs/tset.c ncurses/tinfo/read_termcap.c

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-- vile:txtmode fc=72
-- \$Id: COPYING,v 1.13 2024/01/05 21:13:17 tom Exp \$

1.262 alpine-base 3.22.0-r0

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:
"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>
/* \$NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp \$ */

/*

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- *
- * @(#)queue.h 8.5 (Berkeley) 8/20/94
- */

```
#ifndef _SYS_QUEUE_H_
#define _SYS_QUEUE_H_
```

```
/*
 * This file defines five types of data structures: singly-linked lists,
 * lists, simple queues, tail queues, and circular queues.
 *
 * A singly-linked list is headed by a single forward pointer. The
 * elements are singly linked for minimum space and
 * pointer manipulation
 * overhead at the expense of O(n) removal for arbitrary elements. New
 * elements can be added to the list after an existing element or at the
 * head of the list. Elements being removed from the head of the list
 * should use the explicit macro for this purpose for optimum
 * efficiency. A singly-linked list may only be traversed in the forward
 * direction. Singly-linked lists are ideal for applications with large
 * datasets and few or no removals or for implementing a LIFO queue.
 *
 * A list is headed by a single forward pointer (or an array of forward
 * pointers for a hash table header). The elements are doubly linked
 * so that an arbitrary element can be removed without a need to
 * traverse the list. New elements can be added to the list before
 * or after an existing element or at the head of the list. A list
 * may only be traversed in the forward direction.
 */
```

```

* A simple queue is headed by a pair of pointers, one the head of the
* list and the
  other to the tail of the list. The elements are singly
* linked to save space, so elements can only be removed from the
* head of the list. New elements can be added to the list after
* an existing element, at the head of the list, or at the end of the
* list. A simple queue may only be traversed in the forward direction.
*
* A tail queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements can be added to the list before or
* after an existing element, at the head of the list, or at the end of
* the list. A tail queue may be traversed in either direction.
*
* A circle queue is headed by a pair of pointers, one to the head of the
* list and the other to the tail of the list. The elements are doubly
* linked so that an arbitrary element can be removed without a need to
* traverse the list. New elements
  can be added to the list before or after
* an existing element, at the head of the list, or at the end of the list.
* A circle queue may be traversed in either direction, but has a more
* complex end of list detection.
*
* For details on the use of these macros, see the queue(3) manual page.
*/

/*
* Include the definition of NULL only on NetBSD because sys/null.h
* is not available elsewhere. This conditional makes the header
* portable and it can simply be dropped verbatim into any system.
* The caveat is that on other systems some other header
* must provide NULL before the macros can be used.
*/
#ifdef __NetBSD__
#include <sys/null.h>
#endif

#if defined(QUEUEDEBUG)
# if defined(_KERNEL)
#  define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
#  include <err.h>
#  define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif

/*

```

```

* Singly-linked List definitions.
*/
#define SLIST_HEAD(name, type) \
struct name { \
    struct type *slh_first; /* first \
    element */ \
}

#define SLIST_HEAD_INITIALIZER(head) \
{ NULL }

#define SLIST_ENTRY(type) \
struct { \
    struct type *sle_next; /* next element */ \
}

/*
* Singly-linked List access methods.
*/
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head) NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field) \
for((var) = (head)->slh_first; \
    (var) != SLIST_END(head); \
    (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = SLIST_FIRST((head)); \
    (var) != SLIST_END(head) && \
    ((tvar) = SLIST_NEXT((var), field), 1); \
    (var) = (tvar))

/*
* Singly-linked List functions.
*/
#define SLIST_INIT(head) do { \
    (head)->slh_first = SLIST_END(head); \
} while (/*CONSTCOND*/)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do { \
    (elm)->field.sle_next = (slistelm)->field.sle_next; \
    (slistelm)->field.sle_next \
    = (elm); \
} while (/*CONSTCOND*/)

```

```

#define SLIST_INSERT_HEAD(head, elm, field) do { \
    (elm)->field.sle_next = (head)->slh_first; \
    (head)->slh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do { \
    (slistelm)->field.sle_next = \
        SLIST_NEXT(SLIST_NEXT((slistelm), field), field); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do { \
    (head)->slh_first = (head)->slh_first->field.sle_next; \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do { \
    if ((head)->slh_first == (elm)) { \
        SLIST_REMOVE_HEAD((head), field); \
    } \
    else { \
        struct type *curelm = (head)->slh_first; \
        while(curelm->field.sle_next != (elm)) \
            curelm = curelm->field.sle_next; \
        curelm->field.sle_next = \
            curelm->field.sle_next->field.sle_next; \
    } \
} while (/*CONSTCOND*/0)

/*
 * List definitions.
 */
#define LIST_HEAD(name, type) \
struct name { \
    struct type *lh_first; /* first element */ \
}

#define LIST_HEAD_INITIALIZER(head) \
{ NULL }

#define LIST_ENTRY(type) \
struct { \
    struct type *le_next; /* next element */ \
    struct type **le_prev; /* address of previous next element */ \
}

/*
 * List access methods.
 */

```

```

#define LIST_FIRST(head) ((head)->lh_first)
#define LIST_END(head) NULL
#define LIST_EMPTY(head) ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field) ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field) \
for ((var) = ((head)->lh_first); \
     (var) != LIST_END(head); \
     (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = LIST_FIRST((head)); \
     (var) != LIST_END(head) && \
     ((tvar) = LIST_NEXT((var), field), 1); \
     (var) = (tvar))

#define LIST_MOVE(head1, head2) do { \
LIST_INIT((head2)); \
if (!LIST_EMPTY((head1))) \
{ \
(head2)->lh_first = (head1)->lh_first; \
LIST_INIT((head1)); \
} \
} while (/*CONSTCOND*/0)

/*
 * List functions.
 */
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field) \
if ((head)->lh_first && \
    (head)->lh_first->field.le_prev != &(head)->lh_first) \
QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
    __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field) \
if ((elm)->field.le_next && \
    (elm)->field.le_next->field.le_prev != \
    &(elm)->field.le_next) \
QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm), \
    __FILE__, __LINE__); \
if (*(elm)->field.le_prev != (elm)) \
QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm), \
    __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field) \
(elm)->field.le_next = (void *)1L; \
(elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)

```

```

#define QUEUEDEBUG_LIST_OP(elm,
    field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do { \
    (head)->lh_first = LIST_END(head); \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    if (((elm)->field.le_next = (listelm)->field.le_next) != \
        LIST_END(head)) \
        (listelm)->field.le_next->field.le_prev = \
            &(elm)->field.le_next; \
    (listelm)->field.le_next = (elm); \
    (elm)->field.le_prev = &(listelm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    (elm)->field.le_prev = (listelm)->field.le_prev; \
    (elm)->field.le_next = (listelm); \
    *(listelm)->field.le_prev = (elm); \
    (listelm)->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.le_next \
        = (head)->lh_first) != LIST_END(head)) \
        (head)->lh_first->field.le_prev = &(elm)->field.le_next; \
    (head)->lh_first = (elm); \
    (elm)->field.le_prev = &(head)->lh_first; \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do { \
    QUEUEDEBUG_LIST_OP((elm), field) \
    if ((elm)->field.le_next != NULL) \
        (elm)->field.le_next->field.le_prev = \
            (elm)->field.le_prev; \
    *(elm)->field.le_prev = (elm)->field.le_next; \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do { \
    if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
        (elm2)->field.le_next->field.le_prev = \

```

```

        &(elm2)->field.le_next; \
    (elm2)->field.le_prev = (elm)->field.le_prev; \
    *(elm2)->field.le_prev = (elm2); \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

/*
 * Simple queue definitions.
 */
#define SIMPLEQ_HEAD(name, type) \
struct name { \
    struct \
    type *sqh_first; /* first element */ \
    struct type **sqh_last; /* addr of last next element */ \
}

#define SIMPLEQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type) \
struct { \
    struct type *sqe_next; /* next element */ \
}

/*
 * Simple queue access methods.
 */
#define SIMPLEQ_FIRST(head) ((head)->sqh_first)
#define SIMPLEQ_END(head) NULL
#define SIMPLEQ_EMPTY(head) ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->sqh_first); \
    (var) != SIMPLEQ_END(head); \
    (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->sqh_first); \
    (var) != SIMPLEQ_END(head) && \
    ((next = ((var)->field.sqe_next)), 1); \
    (var) = (next))

/*
 * Simple queue functions.
 */
#define SIMPLEQ_INIT(head) do { \
    (head)->sqh_first = NULL; \

```



```

(head)->sqh_last
= &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do { \
if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
(head)->sqh_last = &(elm)->field.sqe_next; \
(head)->sqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do { \
(elm)->field.sqe_next = NULL; \
*(head)->sqh_last = (elm); \
(head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL) \
(head)->sqh_last = &(elm)->field.sqe_next; \
(listelm)->field.sqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do { \
if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
(head)->sqh_last = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do { \
if
(((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
== NULL) \
(head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do { \
if ((head)->sqh_first == (elm)) { \
SIMPLEQ_REMOVE_HEAD((head), field); \
} else { \
struct type *curelm = (head)->sqh_first; \
while (curelm->field.sqe_next != (elm)) \
curelm = curelm->field.sqe_next; \
if ((curelm->field.sqe_next = \
curelm->field.sqe_next->field.sqe_next) == NULL) \
(head)->sqh_last = &(curelm)->field.sqe_next; \
} \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do { \

```

```

if (!SIMPLEQ_EMPTY((head2))) { \
    *(head1)->sqh_last = (head2)->sqh_first; \
    (head1)->sqh_last = (head2)->sqh_last; \
    SIMPLEQ_INIT((head2)); \
} \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field) \
(SIMPLEQ_EMPTY((head)) ? \
    NULL : \
    ((struct type \
    *)(void *) \
    ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
 * Tail queue definitions.
 */
#define _TAILQ_HEAD(name, type, qual) \
struct name { \
    qual type *tqh_first; /* first element */ \
    qual type *qual *tqh_last; /* addr of last next element */ \
}
#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head) \
{ TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual) \
struct { \
    qual type *tqe_next; /* next element */ \
    qual type *qual *tqe_prev; /* address of previous next element */ \
}
#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
 * Tail queue access methods.
 */
#define TAILQ_FIRST(head) ((head)->tqh_first)
#define TAILQ_END(head) (NULL)
#define TAILQ_NEXT(elm, field) ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
    (((struct headname *) (void *)((head)->tqh_last))->tqh_last)
#define TAILQ_PREV(elm, headname, field) \
    (((struct headname \
    *) (void *)((elm)->field.tqe_prev))->tqh_last)
#define TAILQ_EMPTY(head) (TAILQ_FIRST(head) == TAILQ_END(head))

```

```

#define TAILQ_FOREACH(var, head, field) \
for ((var) = ((head)->tqh_first); \
     (var) != TAILQ_END(head); \
     (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->tqh_first); \
     (var) != TAILQ_END(head) && \
     ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field) \
for ((var) = TAILQ_LAST((head), headname); \
     (var) != TAILQ_END(head); \
     (var) = TAILQ_PREV((var), headname, field))

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
for ((var) = TAILQ_LAST((head), headname); \
     (var) != TAILQ_END(head) && \
     ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
 * Tail queue functions.
 */
#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, \
elm, field) \
if ((head)->tqh_first && \
     (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field) \
if (*(head)->tqh_last != NULL) \
    QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field) \
if ((elm)->field.tqe_next && \
     (elm)->field.tqe_next->field.tqe_prev != \
     &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
if (*(elm)->field.tqe_prev != (elm)) \
    QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field) \
if ((elm)->field.tqe_next == NULL && \
     (head)->tqh_last != &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d", \
        (head), (elm), __FILE__,

```

```

__LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field) \
    (elm)->field.tqe_next = (void *)1L; \
    (elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do { \
    (head)->tqh_first = TAILQ_END(head); \
    (head)->tqh_last = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head)) \
        (head)->tqh_first->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (head)->tqh_first = (elm); \
    (elm)->field.tqe_prev = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head, \
    elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_TAIL((head), (elm), field) \
    (elm)->field.tqe_next = TAILQ_END(head); \
    (elm)->field.tqe_prev = (head)->tqh_last; \
    *(head)->tqh_last = (elm); \
    (head)->tqh_last = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBUG_TAILQ_OP((listelm), field) \
    if (((elm)->field.tqe_next = (listelm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (listelm)->field.tqe_next = (elm); \
    (elm)->field.tqe_prev = &(listelm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

```

```
#define TAILQ_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_TAILQ_OP((listelm), field) \
    (elm)->field.tqe_prev = (listelm)->field.tqe_prev; \
    (elm)->field.tqe_next = (listelm); \
    *(listelm)->field.tqe_prev = (elm); \
    (listelm)->field.tqe_prev \
    = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)
```

```
#define TAILQ_REMOVE(head, elm, field) do { \
    QUEUEDEBUG_TAILQ_PREREMOVE((head), (elm), field) \
    QUEUEDEBUG_TAILQ_OP((elm), field) \
    if (((elm)->field.tqe_next != TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            (elm)->field.tqe_prev; \
    else \
        (head)->tqh_last = (elm)->field.tqe_prev; \
    *(elm)->field.tqe_prev = (elm)->field.tqe_next; \
    QUEUEDEBUG_TAILQ_POSTREMOVE((elm), field); \
} while (/*CONSTCOND*/0)
```

```
#define TAILQ_REPLACE(head, elm, elm2, field) do { \
    if (((elm2)->field.tqe_next = (elm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm2)->field.tqe_next->field.tqe_prev = \
            &(elm2)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm2)->field.tqe_next; \
    (elm2)->field.tqe_prev = (elm)->field.tqe_prev; \
    *(elm2)->field.tqe_prev = (elm2); \
    QUEUEDEBUG_TAILQ_POSTREMOVE((elm), \
        field); \
} while (/*CONSTCOND*/0)
```

```
#define TAILQ_CONCAT(head1, head2, field) do { \
    if (!TAILQ_EMPTY(head2)) { \
        *(head1)->tqh_last = (head2)->tqh_first; \
        (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
        (head1)->tqh_last = (head2)->tqh_last; \
        TAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)
```

```
/*
```

```
* Singly-linked Tail queue declarations.
```

```
*/
```

```
#define STAILQ_HEAD(name, type) \
```

```

struct name {      \
    struct type *stqh_first; /* first element */ \
    struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head)      \
    { NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type)      \
    struct {      \
        struct type *stqe_next; /* next element */ \
    }

/*
 * Singly-linked Tail queue access methods.
 */
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head) == STAILQ_END(head))

/*
 * Singly-linked Tail queue functions.
 */
#define STAILQ_INIT(head) do {      \
    (head)->stqh_first = NULL;      \
    (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do {      \
    if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (head)->stqh_first = (elm);      \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do {      \
    (elm)->field.stqe_next = NULL;      \
    *(head)->stqh_last = (elm);      \
    (head)->stqh_last = &(elm)->field.stqe_next; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do {      \
    if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (listelm)->field.stqe_next = (elm);      \
} while (/*CONSTCOND*/0)

```

```

#define STAILQ_REMOVE_HEAD(head, field) do { \
    if (((head)->stqh_first = (head)->stqh_first->field.stqe_next) \
        == NULL) \
        (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do { \
    if ((head)->stqh_first == (elm)) { \
        STAILQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->stqh_first; \
        while (curelm->field.stqe_next != (elm)) \
            curelm = curelm->field.stqe_next; \
        if ((curelm->field.stqe_next = \
            curelm->field.stqe_next->field.stqe_next) == NULL) \
            (head)->stqh_last = &(curelm)->field.stqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->stqh_first); \
        (var); \
        (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar) \
    for ((var) = STAILQ_FIRST((head)); \
        (var) && ((tvar) = STAILQ_NEXT((var), field), 1); \
        (var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do { \
    if (!STAILQ_EMPTY((head2))) { \
        *(head1)->stqh_last \
        = (head2)->stqh_first; \
        (head1)->stqh_last = (head2)->stqh_last; \
        STAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field) \
    (STAILQ_EMPTY((head)) ? \
    NULL : \
    ((struct type *) (void *) \
    ((char *) ((head)->stqh_last) - offsetof(struct type, field))))

#ifdef _KERNEL
/*
 * Circular queue definitions. Do not use. We still keep the macros

```

```

* for compatibility but because of pointer aliasing issues their use
* is discouraged!
*/

/*
* __launder_type(): We use this ugly hack to work around the the compiler
* noticing that two types may not alias each other and elide tests in code.
* We hit this in the CIRCLEQ macros when comparing 'struct name *' and
* 'struct type *' (see CIRCLEQ_HEAD()). Modern compilers (such as GCC
* 4.8) declare these comparisons as always false, causing the code to
* not run as designed.
*
* This hack is only to be used for comparisons and thus can be fully const.
* Do not use for assignment.
*
* If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
* this by changing the head/tail sentinal values, but see the note above
* this one.
*/

static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
    __asm __volatile("" : "+r" (__x));
    return __x;
}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field) \
    if ((head)->cqh_first != CIRCLEQ_ENDC(head) && \
        (head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
        QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
            __FILE__, __LINE__); \
    if ((head)->cqh_last != CIRCLEQ_ENDC(head) && \
        (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
        QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) { \
        if ((head)->cqh_last != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ \
elm last %p %s:%d", \
                (elm), __FILE__, __LINE__); \
    } else { \
        if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
                (elm), __FILE__, __LINE__); \
    } \

```



```

if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_first != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
            (elm), __FILE__, __LINE__); \
}
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field) \
    (elm)->field.cqe_next = (void *)1L; \
    (elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type) \
    struct name { \
        struct type *cqh_first; /* \
        first element */ \
        struct type *cqh_last; /* last element */ \
    }

#define CIRCLEQ_HEAD_INITIALIZER(head) \
    { CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type) \
    struct { \
        struct type *cqe_next; /* next element */ \
        struct type *cqe_prev; /* previous element */ \
    }

/*
 * Circular queue functions.
 */
#define CIRCLEQ_INIT(head) do { \
    (head)->cqh_first = CIRCLEQ_END(head); \
    (head)->cqh_last = CIRCLEQ_END(head); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm)->field.cqe_next; \
    (elm)->field.cqe_prev = (listelm); \
    if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head)) \

```

```

(head)->cqh_last = (elm); \
else \
(listelm)->field.cqe_next->field.cqe_prev = (elm); \
(listelm)->field.cqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head,
listelm, elm, field) do { \
QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
(elm)->field.cqe_next = (listelm); \
(elm)->field.cqe_prev = (listelm)->field.cqe_prev; \
if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
(head)->cqh_first = (elm); \
else \
(listelm)->field.cqe_prev->field.cqe_next = (elm); \
(listelm)->field.cqe_prev = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do { \
QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
(elm)->field.cqe_next = (head)->cqh_first; \
(elm)->field.cqe_prev = CIRCLEQ_END(head); \
if ((head)->cqh_last == CIRCLEQ_ENDC(head)) \
(head)->cqh_last = (elm); \
else \
(head)->cqh_first->field.cqe_prev = (elm); \
(head)->cqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do { \
QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
(elm)->field.cqe_next
= CIRCLEQ_END(head); \
(elm)->field.cqe_prev = (head)->cqh_last; \
if ((head)->cqh_first == CIRCLEQ_ENDC(head)) \
(head)->cqh_first = (elm); \
else \
(head)->cqh_last->field.cqe_next = (elm); \
(head)->cqh_last = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do { \
QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (elm), field) \
if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
(head)->cqh_last = (elm)->field.cqe_prev; \
else \

```

```

(elm)->field.cqe_next->field.cqe_prev = \
    (elm)->field.cqe_prev; \
if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
    (head)->cqh_first = (elm)->field.cqe_next; \
else \
    (elm)->field.cqe_prev->field.cqe_next = \
        (elm)->field.cqe_next; \
QUEUEDEBUG_CIRCLEQ_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->cqh_first); \
    (var) != CIRCLEQ_ENDC(head); \
    (var) \
    = ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field) \
for ((var) = ((head)->cqh_last); \
    (var) != CIRCLEQ_ENDC(head); \
    (var) = ((var)->field.cqe_prev))

/*
 * Circular queue access methods.
 */
#define CIRCLEQ_FIRST(head) ((head)->cqh_first)
#define CIRCLEQ_LAST(head) ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head) (__launter_type(head))
/* For assignments */
#define CIRCLEQ_END(head) ((void *)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head) \
    (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field) \
    (((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_first) \
     : (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field) \
    (((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_last) \
     : \
     (elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */

```

```

# Contributor: Francesco Colista <fcolista@alpinelinux.org>
# Maintainer: Bart Ribbers <bribbers@disroot.org>
pkgname=qt5-qtsensors
pkgver=5.15.10_git20230424
pkgrel=1
_module="{pkgname#qt5-}"
_pkgver=45c04582b15a9bb4be01ae99aa7fda1bbba7d0df
_fullname=$_module-$pkgver
pkgdesc="+The Qt Sensors API provides access to sensor hardware via QML and C++"
url="https://www.qt.io/developers/"
arch="all !armhf" # armhf blocked by qt5-qtdeclarative
license="LGPL-2.1-only AND LGPL-3.0-only AND GPL-3.0-only AND Qt-GPL-exception-1.0"
/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

#ifdef _SYS_TREE_H_
#define _SYS_TREE_H_

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
  ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
   (__GNUC__ > (x)))

```

```

#else
#define __GNUC_PREREQ__(x, y) 0
#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
 * This file defines data structures for different types of trees:
 * splay trees and red-black trees.
 *
 * A splay tree is a self-organizing
 * data structure. Every operation
 * on the tree causes a splay to happen. The splay moves the requested
 * node to the root of the tree and partly rebalances it.
 *
 * This has the benefit that request locality causes faster lookups as
 * the requested nodes move to the top of the tree. On the other hand,
 * every lookup causes memory writes.
 *
 * The Balance Theorem bounds the total access time for m operations
 * and n inserts on an initially empty tree as  $O((m + n)\lg n)$ . The
 * amortized cost for a sequence of m accesses to a splay tree is  $O(\lg n)$ ;
 *
 * A red-black tree is a binary search tree with the node color as an
 * extra attribute. It fulfills a set of conditions:
 * - every search path from the root to a leaf consists of the
 *   same number of black nodes,
 * - each red node (except for the root) has a black parent,
 * - each leaf node is black.
 *
 * Every operation on a red-black tree is bounded as  $O(\lg n)$ .
 * The maximum height of a red-black tree is  $2\lg(n+1)$ .
 */

#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}

#define SPLAY_INITIALIZER(root) \
{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \

```

```

} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type)    \
struct {                      \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

```

```

#define
    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
\
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
\
static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \
            elm = SPLAY_LEFT(elm, field); \
        } \
    } \
    else \
        elm = NULL; \
    return (elm); \
} \
\
static _sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
} \
\
/* Main splay operation.
 * Moves node close to the key of elm to top
 */
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \

```

```

if (SPLAY_EMPTY(head)) { \
    SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
} else { \
    int __comp; \
    name##_SPLAY(head, elm); \
    __comp = (cmp)(elm, (head)->sph_root); \
    if(__comp < 0) { \
        SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
        SPLAY_RIGHT(elm, field) = (head)->sph_root; \
        SPLAY_LEFT((head)->sph_root, field) = NULL; \
    } else if (__comp > 0) { \
        SPLAY_RIGHT(elm,
field) = SPLAY_RIGHT((head)->sph_root, field);\
        SPLAY_LEFT(elm, field) = (head)->sph_root; \
        SPLAY_RIGHT((head)->sph_root, field) = NULL; \
    } else \
        return ((head)->sph_root); \
    } \
    (head)->sph_root = (elm); \
    return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \
        return (NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) { \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
            (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
        } else { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
            name##_SPLAY(head, elm); \
            SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
        } \
        return (elm); \
    } \
    return (NULL); \
} \
\
void \
name##_SPLAY(struct
name *head, struct type *elm) \
{ \
    struct type __node, *__left, *__right, *__tmp; \

```



```

int __comp;    \
\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node;    \
\
while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
    if (__comp < 0) { \
        __tmp = SPLAY_LEFT((head)->sph_root, field);\
        if (__tmp == NULL) \
            break; \
        if ((cmp)(elm, __tmp) < 0){ \
            SPLAY_ROTATE_RIGHT(head, __tmp, field);\
            if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
                break; \
        } \
        SPLAY_LINKLEFT(head, __right, field); \
    } else if (__comp > 0) { \
        __tmp = SPLAY_RIGHT((head)->sph_root, field);\
        if (__tmp == NULL) \
            break; \
        if ((cmp)(elm, __tmp) > 0){ \
            SPLAY_ROTATE_LEFT(head, __tmp, field);\
            if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
                break; \
        } \
        SPLAY_LINKRIGHT(head, __left, field); \
    } \
} \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field); \
} \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    \
    SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
    __left = __right = &__node;    \
    \
    while (1) { \
        if (__comp < 0) { \
            __tmp = SPLAY_LEFT((head)->sph_root, field);\
            if (__tmp == NULL) \
                break; \
            if (__comp < 0){ \

```

```

    SPLAY_ROTATE_RIGHT(head, __tmp, field); \
    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
        break; \
} \
SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
    __tmp = SPLAY_RIGHT((head)->sph_root, field); \
    if (__tmp == NULL) \
        break; \
    if (__comp > 0) { \
        SPLAY_ROTATE_LEFT(head, __tmp, field); \
        if (SPLAY_RIGHT((head)->sph_root,
field) == NULL)\
            break; \
    } \
    SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
    struct name { \
        struct type *rbh_root; /* root of the tree */ \
    }

#define RB_INITIALIZER(root) \
    { \
        NULL \
    }

```

```

#define RB_INIT(root) do { \
    (root)->rbh_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type) \
struct { \
    struct type *rbe_left; /* left element */ \
    struct type *rbe_right; /* right element */ \
    struct type *rbe_parent; /* parent element */ \
    int rbe_color; /* node color */ \
}

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do { \
    RB_PARENT(elm, field) = parent; \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED; \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do { \
    RB_COLOR(black, field) = RB_BLACK; \
    RB_COLOR(red, field) \
    = RB_RED; \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do { \
    (tmp) = RB_RIGHT(elm, field); \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } \
} while (/*CONSTCOND*/ 0)

```

```

} else \
    (head)->rbh_root = (tmp); \
    RB_LEFT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
        != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
    type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *); \
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \
    attr struct type *name##_RB_PREV(struct type *); \
    attr struct type *name##_RB_MINMAX(struct name *, int); \
    \

```

```

/* Main rb operation.
* Moves node close to the key of elm to top
*/

#define RB_GENERATE(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
    attr void \
    name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
    { \
        \
        struct type \
        *parent, *gparent, *tmp; \
        while ((parent = RB_PARENT(elm, field)) != NULL && \
            RB_COLOR(parent, field) == RB_RED) { \
            \
            gparent = RB_PARENT(parent, field); \
            if (parent == RB_LEFT(gparent, field)) { \
                \
                tmp = RB_RIGHT(gparent, field); \
                if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                    \
                    RB_COLOR(tmp, field) = RB_BLACK; \
                    RB_SET_BLACKRED(parent, gparent, field);\
                    elm = gparent; \
                    continue; \
                } \
                \
                if (RB_RIGHT(parent, field) == elm) { \
                    \
                    RB_ROTATE_LEFT(head, parent, tmp, field);\
                    tmp = parent; \
                    parent = elm; \
                    elm = tmp; \
                } \
                \
                RB_SET_BLACKRED(parent, gparent, field); \
                RB_ROTATE_RIGHT(head, gparent, tmp, field); \
            } else { \
                \
                tmp = RB_LEFT(gparent, field); \
                if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                    \
                    RB_COLOR(tmp, field) = RB_BLACK; \
                    RB_SET_BLACKRED(parent, gparent, field);\
                    elm = gparent; \
                    continue; \
                } \
                \
                if (RB_LEFT(parent, field) == elm) \
            { \
                \
                RB_ROTATE_RIGHT(head, parent, tmp, field);\
                tmp = parent; \
                parent = elm; \
                elm = tmp; \
            } \
            \
            RB_SET_BLACKRED(parent, gparent, field); \

```

```

    RB_ROTATE_LEFT(head, gparent, tmp, field); \
} \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
\
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) { \
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \
                parent = RB_PARENT(elm, field); \
            } else { \
                if (RB_RIGHT(tmp, field) == NULL || \
                    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) { \
                    struct type *oleft; \
                    if ((oleft = RB_LEFT(tmp, field)) \
                        != NULL) \
                        RB_COLOR(oleft, field) = RB_BLACK; \
                    RB_COLOR(tmp, field) = RB_RED; \
                    RB_ROTATE_RIGHT(head, tmp, oleft, field); \
                    tmp = RB_RIGHT(parent, field); \
                } \
                RB_COLOR(tmp, field) = RB_COLOR(parent, field); \
                RB_COLOR(parent, field) = RB_BLACK; \
                if (RB_RIGHT(tmp, field)) \
                    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK; \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                elm = RB_ROOT(head); \
                break; \
            } \
        } else { \
            tmp = RB_LEFT(parent, field); \

```

```

if (RB_COLOR(tmp, field) == RB_RED) { \
    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp
= RB_LEFT(parent, field); \
} \
if ((RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
    (RB_RIGHT(tmp, field) == NULL || \
    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED; \
    elm = parent; \
    parent = RB_PARENT(elm, field); \
} else { \
    if (RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
        struct type *oright; \
        if ((oright = RB_RIGHT(tmp, field)) \
            != NULL) \
            RB_COLOR(oright, field) = RB_BLACK;\
        RB_COLOR(tmp, field) = RB_RED; \
        RB_ROTATE_LEFT(head, tmp, oright, field);\
        tmp = RB_LEFT(parent, field); \
    } \
    RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
    RB_COLOR(parent, field) = RB_BLACK; \
    if (RB_LEFT(tmp, field)) \
        RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    elm = RB_ROOT(head); \
    break; \
} \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \
    int color; \
    if (RB_LEFT(elm, field) == NULL) \
        child = RB_RIGHT(elm, field); \
    else if (RB_RIGHT(elm, field) == NULL) \
        child = RB_LEFT(elm, field); \

```

```

else {
    struct type *left;
    elm = RB_RIGHT(elm, field);
    while ((left = RB_LEFT(elm, field)) != NULL)
        elm = left;
    child = RB_RIGHT(elm, field);
    parent = RB_PARENT(elm, field);
    color = RB_COLOR(elm, field);
    if (child)
        RB_PARENT(child, field) = parent;
    if (parent) {
        if (RB_LEFT(parent, field) == elm)
            RB_LEFT(parent, field) = child;
        else
            RB_RIGHT(parent, field) = child;
        RB_AUGMENT(parent);
    } else
        RB_ROOT(head)
= child;
    if (RB_PARENT(elm, field) == old)
        parent = elm;
    (elm)->field = (old)->field;
    if (RB_PARENT(old, field)) {
        if (RB_LEFT(RB_PARENT(old, field), field) == old)
            RB_LEFT(RB_PARENT(old, field), field) = elm;
        else
            RB_RIGHT(RB_PARENT(old, field), field) = elm;
        RB_AUGMENT(RB_PARENT(old, field));
    } else
        RB_ROOT(head) = elm;
    RB_PARENT(RB_LEFT(old, field), field) = elm;
    if (RB_RIGHT(old, field))
        RB_PARENT(RB_RIGHT(old, field), field) = elm;
    if (parent) {
        left = parent;
        do {
            RB_AUGMENT(left);
        } while ((left = RB_PARENT(left, field)) != NULL);
    }
    goto color;
}
parent = RB_PARENT(elm, field);
color = RB_COLOR(elm, field);
if (child)
    RB_PARENT(child, field) = parent;
if (parent) {
    if (RB_LEFT(parent, field) == elm)
        RB_LEFT(parent, field) = child;

```



```

else    \
    RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else    \
    RB_ROOT(head) = child; \
color:    \
if (color == RB_BLACK)    \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old);    \
}    \
    \
/* Inserts a node into the RB tree */ \
attr struct type *    \
name##_RB_INSERT(struct name *head, struct type *elm) \
{    \
    struct type *tmp;    \
    struct type *parent = NULL; \
    int comp = 0;    \
    tmp = RB_ROOT(head);    \
    while (tmp) {    \
        parent = tmp;    \
        comp = (cmp)(elm, parent); \
        if (comp < 0)    \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0)    \
            tmp = RB_RIGHT(tmp, field); \
        else    \
            return (tmp); \
    }    \
    RB_SET(elm, parent, field); \
    if (parent != NULL) {    \
        if (comp < 0)    \
            RB_LEFT(parent, field) = elm; \
        else    \
            RB_RIGHT(parent, field) = elm; \
        RB_AUGMENT(parent); \
    } else    \
        RB_ROOT(head) = elm; \
    name##_RB_INSERT_COLOR(head,
elm); \
    return (NULL);    \
}    \
    \
/* Finds the node with the same key as elm */ \
attr struct type *    \
name##_RB_FIND(struct name *head, struct type *elm) \
{    \

```

```

struct type *tmp = RB_ROOT(head); \
int comp; \
while (tmp) { \
    comp = cmp(elm, tmp); \
    if (comp < 0) \
        tmp = RB_LEFT(tmp, field); \
    else if (comp > 0) \
        tmp = RB_RIGHT(tmp, field); \
    else \
        return (tmp); \
} \
return (NULL); \
} \
\
/* Finds the first node greater than or equal to the search key */\
attr struct type * \
name##_RB_NFIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *res = NULL; \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) { \
            res = tmp; \
            tmp = RB_LEFT(tmp, field); \
        } \
        else if (comp > 0) \
            tmp = \
RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (res); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_NEXT(struct type *elm) \
{ \
    if (RB_RIGHT(elm, field)) { \
        elm = RB_RIGHT(elm, field); \
        while (RB_LEFT(elm, field)) \
            elm = RB_LEFT(elm, field); \
    } else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
    } \
}

```

```

else {
    while (RB_PARENT(elm, field) &&
        (elm == RB_RIGHT(RB_PARENT(elm, field), field)))\
        elm = RB_PARENT(elm, field);
    elm = RB_PARENT(elm, field);
}
return (elm);
}

/* ARGSUSED */
attr struct type *
name##_RB_PREV(struct type *elm)
{
    if (RB_LEFT(elm, field)) {
        elm = RB_LEFT(elm, field);
        while (RB_RIGHT(elm, field))
            elm = RB_RIGHT(elm, field);
    }
    else {
        if (RB_PARENT(elm, field) &&
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field);
        else {
            while (RB_PARENT(elm, field) &&
                (elm == RB_LEFT(RB_PARENT(elm, field), field)))\
                elm = RB_PARENT(elm, field);
            elm = RB_PARENT(elm, field);
        }
    }
    return (elm);
}

attr struct type *
name##_RB_MINMAX(struct name *head, int val)
{
    struct type *tmp = RB_ROOT(head);
    struct type *parent = NULL;
    while (tmp) {
        parent = tmp;
        if (val < 0)
            tmp = RB_LEFT(tmp, field);
        else
            tmp = RB_RIGHT(tmp, field);
    }
    return (parent);
}

```

```

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head) \
for ((x) = RB_MIN(name, head); \
(x) != NULL; \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y) \
for ((x) = RB_MIN(name, head); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE(x, name, head) \
for ((x) = RB_MAX(name, head); \
(x) != NULL; \
(x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name,
head, y) \
for ((x) = RB_MAX(name, head); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#endif /* _SYS_TREE_H_ */
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Version 3, 29 June 2007

```

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1.263 alpine-release 3.22.0-r0

1.263.1 Available under license :

Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.26.0

pkgrel=0

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

```

license="CC-BY-3.0"
source="license-list-data-$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v$pkgver.tar.gz"
builddir="$srcdir/license-list-data-$pkgver"
subpackages="$pkgname-list"

_types="html json rdfa rdft rdfturtle rdFXML template text"

for type in $_types; do
    subpackages="$subpackages $pkgname-$type:_subpkg"
done

package() {
    mkdir -p "$pkgdir"
}

_subpkg() {
    local type=${subpkgname/$pkgname-/}
    pkgdesc="$pkgdesc ($type)"
    install_if="$pkgname=$pkgver-r$pkgrel"
    mkdir -p "$subpkgdir"/usr/share/spdx
    cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}

list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt;
    do
        local license=${i##*/}
        echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}

sha512sums="
67e618d4642dfe4f366935d9514d6f7941d3711e77c49bc1b340ac572d36015981b8f10c72a9f80f1d83e132ae7e5093c
0155e0c0e786e4777ee16d1cb7b885a license-list-data-3.26.0.tar.gz
"

# Contributor: Patrycja Rosa <alpine@ptrcnll.me>
# Maintainer: Patrycja Rosa <alpine@ptrcnll.me>
pkgname=bsd-compat-headers
pkgver=0.7.2
pkgrel=6
pkgdesc="BSD compatibility headers (cdefs, queue, tree)"
url="https://gitlab.alpinelinux.org/alpine/aports"
arch="noarch"
license="BSD-2-Clause AND BSD-3-Clause"
source="
cdefs.h

```

```

queue.h
tree.h
"

builddir="$srcdir"
options="!check" # just headers

package() {
    mkdir -p "$pkgdir"
    install -Dm644 -t "$pkgdir"/usr/include/sys \
        cdefs.h queue.h tree.h
}
sha512sums="
37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h
2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h
d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h
"

```

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 The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:
 "X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

/* \$NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp \$ */

/*

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*

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*

* @(#)queue.h 8.5 (Berkeley) 8/20/94

*/

#ifndef _SYS_QUEUE_H_

#define _SYS_QUEUE_H_

/*

* This file defines five types of data structures: singly-linked lists,

* lists, simple queues, tail queues, and circular queues.

*

* A singly-linked list is headed by a single forward pointer. The

* elements are singly linked for minimum space and

pointer manipulation

* overhead at the expense of O(n) removal for arbitrary elements. New

* elements can be added to the list after an existing element or at the

* head of the list. Elements being removed from the head of the list

* should use the explicit macro for this purpose for optimum

- * efficiency. A singly-linked list may only be traversed in the forward
- * direction. Singly-linked lists are ideal for applications with large
- * datasets and few or no removals or for implementing a LIFO queue.
- *
- * A list is headed by a single forward pointer (or an array of forward
- * pointers for a hash table header). The elements are doubly linked
- * so that an arbitrary element can be removed without a need to
- * traverse the list. New elements can be added to the list before
- * or after an existing element or at the head of the list. A list
- * may only be traversed in the forward direction.
- *
- * A simple queue is headed by a pair of pointers, one the head of the
- * list and the
- other to the tail of the list. The elements are singly
- * linked to save space, so elements can only be removed from the
- * head of the list. New elements can be added to the list after
- * an existing element, at the head of the list, or at the end of the
- * list. A simple queue may only be traversed in the forward direction.
- *
- * A tail queue is headed by a pair of pointers, one to the head of the
- * list and the other to the tail of the list. The elements are doubly
- * linked so that an arbitrary element can be removed without a need to
- * traverse the list. New elements can be added to the list before or
- * after an existing element, at the head of the list, or at the end of
- * the list. A tail queue may be traversed in either direction.
- *
- * A circle queue is headed by a pair of pointers, one to the head of the
- * list and the other to the tail of the list. The elements are doubly
- * linked so that an arbitrary element can be removed without a need to
- * traverse the list. New elements
- can be added to the list before or after
- * an existing element, at the head of the list, or at the end of the list.
- * A circle queue may be traversed in either direction, but has a more
- * complex end of list detection.
- *
- * For details on the use of these macros, see the queue(3) manual page.
- */
- /*
- * Include the definition of NULL only on NetBSD because sys/null.h
- * is not available elsewhere. This conditional makes the header
- * portable and it can simply be dropped verbatim into any system.
- * The caveat is that on other systems some other header
- * must provide NULL before the macros can be used.
- */
- #ifdef __NetBSD__
- #include <sys/null.h>
- #endif


```

#if defined(QueueDEBUG)
# if defined(_KERNEL)
# define QueueDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
# include <err.h>
# define QueueDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif

```

```

/*

```

```

* Singly-linked List definitions.
*/

```

```

#define SLIST_HEAD(name, type) \
struct name { \
    struct type *slh_first; /* first \
    element */ \
}

```

```

#define SLIST_HEAD_INITIALIZER(head) \
{ NULL }

```

```

#define SLIST_ENTRY(type) \
struct { \
    struct type *sle_next; /* next element */ \
}

```

```

/*

```

```

* Singly-linked List access methods.
*/

```

```

#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head) NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

```

```

#define SLIST_FOREACH(var, head, field) \
for((var) = (head)->slh_first; \
    (var) != SLIST_END(head); \
    (var) = (var)->field.sle_next)

```

```

#define SLIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = SLIST_FIRST((head)); \
    (var) != SLIST_END(head) && \
    ((tvar) = SLIST_NEXT((var), field), 1); \
    (var) = (tvar))

```

```

/*

```

```

* Singly-linked List functions.

```

```

*/
#define SLIST_INIT(head) do { \
    (head)->slh_first = SLIST_END(head); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do { \
    (elm)->field.sle_next = (slistelm)->field.sle_next; \
    (slistelm)->field.sle_next \
    = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do { \
    (elm)->field.sle_next = (head)->slh_first; \
    (head)->slh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do { \
    (slistelm)->field.sle_next = \
        SLIST_NEXT(SLIST_NEXT((slistelm), field), field); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do { \
    (head)->slh_first = (head)->slh_first->field.sle_next; \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do { \
    if ((head)->slh_first == (elm)) { \
        SLIST_REMOVE_HEAD((head), field); \
    } \
    else { \
        struct type *curelm = (head)->slh_first; \
        while(curelm->field.sle_next != (elm)) \
            curelm = curelm->field.sle_next; \
        curelm->field.sle_next = \
            curelm->field.sle_next->field.sle_next; \
    } \
} while (/*CONSTCOND*/0)

/*
 * List definitions.
 */
#define LIST_HEAD(name, type) \
struct name { \
    struct type *lh_first; /* first element */ \
}

#define LIST_HEAD_INITIALIZER(head) \

```

```

{ NULL }

#define LIST_ENTRY(type) \
struct { \
    struct type *le_next; /* next element */ \
    struct type **le_prev; /* address of previous next element */ \
}

/*
 * List access methods.
 */

#define LIST_FIRST(head) ((head)->lh_first)
#define LIST_END(head) NULL
#define LIST_EMPTY(head) ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field) ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field) \
    for ((var) = ((head)->lh_first); \
         (var) != LIST_END(head); \
         (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar) \
    for ((var) = LIST_FIRST((head)); \
         (var) != LIST_END(head) && \
         ((tvar) = LIST_NEXT((var), field), 1); \
         (var) = (tvar))

#define LIST_MOVE(head1, head2) do { \
    LIST_INIT((head2)); \
    if (!LIST_EMPTY((head1))) \
    { \
        (head2)->lh_first = (head1)->lh_first; \
        LIST_INIT((head1)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * List functions.
 */

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field) \
    if ((head)->lh_first && \
        (head)->lh_first->field.le_prev != &(head)->lh_first) \
        QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field) \
    if ((elm)->field.le_next && \
        (elm)->field.le_next->field.le_prev != \

```

```

    &(elm)->field.le_next) \
    QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
    if (*(elm)->field.le_prev != (elm)) \
    QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field) \
    (elm)->field.le_next = (void *)1L; \
    (elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_LIST_OP(elm,
    field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do { \
    (head)->lh_first = LIST_END(head); \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    if (((elm)->field.le_next = (listelm)->field.le_next) != \
        LIST_END(head)) \
    (listelm)->field.le_next->field.le_prev = \
        &(elm)->field.le_next; \
    (listelm)->field.le_next = (elm); \
    (elm)->field.le_prev = &(listelm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    (elm)->field.le_prev = (listelm)->field.le_prev; \
    (elm)->field.le_next = (listelm); \
    *(listelm)->field.le_prev = (elm); \
    (listelm)->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.le_next
    = (head)->lh_first) != LIST_END(head))\
    (head)->lh_first->field.le_prev = &(elm)->field.le_next;\
    (head)->lh_first = (elm); \
    (elm)->field.le_prev = &(head)->lh_first; \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do { \

```

```

QUEUEDEBUG_LIST_OP((elm), field) \
if ((elm)->field.le_next != NULL) \
    (elm)->field.le_next->field.le_prev = \
        (elm)->field.le_prev; \
*(elm)->field.le_prev = (elm)->field.le_next; \
QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do { \
    if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
        (elm2)->field.le_next->field.le_prev = \
            &(elm2)->field.le_next; \
    (elm2)->field.le_prev = (elm)->field.le_prev; \
    *(elm2)->field.le_prev = (elm2); \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

/*
 * Simple queue definitions.
 */
#define SIMPLEQ_HEAD(name, type) \
struct name { \
    struct \
    type *sqh_first; /* first element */ \
    struct type **sqh_last; /* addr of last next element */ \
}

#define SIMPLEQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type) \
struct { \
    struct type *sqe_next; /* next element */ \
}

/*
 * Simple queue access methods.
 */
#define SIMPLEQ_FIRST(head) ((head)->sqh_first)
#define SIMPLEQ_END(head) NULL
#define SIMPLEQ_EMPTY(head) ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

#define SIMPLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->sqh_first); \
    (var) != SIMPLEQ_END(head); \
    (var) = ((var)->field.sqe_next))

```

```

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->sqh_first); \
    (var) != SIMPLEQ_END(head) && \
    ((next = ((var)->field.sqe_next)), 1); \
    (var) = (next))

/*
 * Simple queue functions.
 */
#define SIMPLEQ_INIT(head) do { \
    (head)->sqh_first = NULL; \
    (head)->sqh_last \
    = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
    (head)->sqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.sqe_next = NULL; \
    *(head)->sqh_last = (elm); \
    (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
    (listelm)->field.sqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do { \
    if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
        (head)->sqh_last = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do { \
    if \
        (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
         == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do { \
    if ((head)->sqh_first == (elm)) { \
        SIMPLEQ_REMOVE_HEAD((head), field); \
    } \
} while (/*CONSTCOND*/0)

```

```

} else { \
    struct type *curelm = (head)->sqh_first; \
    while (curelm->field.sqe_next != (elm)) \
        curelm = curelm->field.sqe_next; \
    if ((curelm->field.sqe_next = \
        curelm->field.sqe_next->field.sqe_next) == NULL) \
        (head)->sqh_last = &(curelm->field.sqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do { \
    if (!SIMPLEQ_EMPTY((head2))) { \
        *(head1)->sqh_last = (head2)->sqh_first; \
        (head1)->sqh_last = (head2)->sqh_last; \
        SIMPLEQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field) \
    (SIMPLEQ_EMPTY((head)) ? \
    NULL : \
    ((struct type \
    *)(void *) \
    ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
 * Tail queue definitions.
 */

#define _TAILQ_HEAD(name, type, qual) \
    struct name { \
        qual type *tqh_first; /* first element */ \
        qual type *qual *tqh_last; /* addr of last next element */ \
    }

#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head) \
    { TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual) \
    struct { \
        qual type *tqe_next; /* next element */ \
        qual type *qual *tqe_prev; /* address of previous next element */ \
    }

#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
 * Tail queue access methods.
 */

```

```

#define TAILQ_FIRST(head) ((head)-> tqh_first)
#define TAILQ_END(head) (NULL)
#define TAILQ_NEXT(elm, field) ((elm)-> field.tqe_next)
#define TAILQ_LAST(head, headname) \
    (((struct headname *) (void *) ((head)-> tqh_last))-> tqh_last)
#define TAILQ_PREV(elm, headname, field) \
    (((struct headname *) (void *) ((elm)-> field.tqe_prev))-> tqh_last)
#define TAILQ_EMPTY(head) (TAILQ_FIRST(head) == TAILQ_END(head))

#define TAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)-> tqh_first); \
        (var) != TAILQ_END(head); \
        (var) = ((var)-> field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next) \
    for ((var) = ((head)-> tqh_first); \
        (var) != TAILQ_END(head) && \
        ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head); \
        (var) = TAILQ_PREV((var), headname, field))

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head) && \
        ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
 * Tail queue functions.
 */
#ifdef QUEUEDEBUG
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, \
    elm, field) \
    if ((head)-> tqh_first && \
        (head)-> tqh_first-> field.tqe_prev != &(head)-> tqh_first) \
        QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field) \
    if (*(head)-> tqh_last != NULL) \
        QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field) \
    if ((elm)-> field.tqe_next && \
        (elm)-> field.tqe_next-> field.tqe_prev != \

```



```

    &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
    if (*(elm)->field.tqe_prev != (elm)) \
    QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field) \
    if ((elm)->field.tqe_next == NULL && \
        (head)->tqh_last != &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d", \
        (head), (elm), __FILE__, \
        __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field) \
    (elm)->field.tqe_next = (void *)1L; \
    (elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do { \
    (head)->tqh_first = TAILQ_END(head); \
    (head)->tqh_last = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head)) \
    (head)->tqh_first->field.tqe_prev = \
        &(elm)->field.tqe_next; \
    else \
    (head)->tqh_last = &(elm)->field.tqe_next; \
    (head)->tqh_first = (elm); \
    (elm)->field.tqe_prev = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head, \
    elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_TAIL((head), (elm), field) \
    (elm)->field.tqe_next = TAILQ_END(head); \
    (elm)->field.tqe_prev = (head)->tqh_last; \
    *(head)->tqh_last = (elm); \
    (head)->tqh_last = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

```

```
#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_OP((listelm), field) \
    if (((elm)->field.tqe_next = (listelm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
        (listelm)->field.tqe_next = (elm); \
        (elm)->field.tqe_prev = &(listelm)->field.tqe_next; \
    } while (/*CONSTCOND*/0)
```

```
#define TAILQ_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_OP((listelm), field) \
    (elm)->field.tqe_prev = (listelm)->field.tqe_prev; \
    (elm)->field.tqe_next = (listelm); \
    *(listelm)->field.tqe_prev = (elm); \
    (listelm)->field.tqe_prev \
    = &(elm)->field.tqe_next; \
    } while (/*CONSTCOND*/0)
```

```
#define TAILQ_REMOVE(head, elm, field) do { \
    QUEUEDEBDEBUG_TAILQ_PREREMOVE((head), (elm), field) \
    QUEUEDEBDEBUG_TAILQ_OP((elm), field) \
    if (((elm)->field.tqe_next) != TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            (elm)->field.tqe_prev; \
    else \
        (head)->tqh_last = (elm)->field.tqe_prev; \
        *(elm)->field.tqe_prev = (elm)->field.tqe_next; \
    QUEUEDEBDEBUG_TAILQ_POSTREMOVE((elm), field); \
    } while (/*CONSTCOND*/0)
```

```
#define TAILQ_REPLACE(head, elm, elm2, field) do { \
    if (((elm2)->field.tqe_next = (elm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm2)->field.tqe_next->field.tqe_prev = \
            &(elm2)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm2)->field.tqe_next; \
        (elm2)->field.tqe_prev = (elm)->field.tqe_prev; \
        *(elm2)->field.tqe_prev = (elm2); \
    QUEUEDEBDEBUG_TAILQ_POSTREMOVE((elm), \
        field); \
    } while (/*CONSTCOND*/0)
```

```
#define TAILQ_CONCAT(head1, head2, field) do { \
    if (!TAILQ_EMPTY(head2)) { \
```

```

*(head1)->tqh_last = (head2)->tqh_first; \
(head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
(head1)->tqh_last = (head2)->tqh_last; \
TAILQ_INIT((head2)); \
} \
} while (/*CONSTCOND*/0)

/*
 * Singly-linked Tail queue declarations.
 */
#define STAILQ_HEAD(name, type) \
struct name { \
    struct type *stqh_first; /* first element */ \
    struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type) \
struct { \
    struct type *stqe_next; /* next element */ \
}

/*
 * Singly-linked Tail queue access methods.
 */
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head) \
    == STAILQ_END(head))

/*
 * Singly-linked Tail queue functions.
 */
#define STAILQ_INIT(head) do { \
    (head)->stqh_first = NULL; \
    (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (head)->stqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do { \

```

```

(elm)->field.stqe_next = NULL;  \
*(head)->stqh_last = (elm);  \
(head)->stqh_last = &(elm)->field.stqe_next;  \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do {  \
if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL)\
    (head)->stqh_last = &(elm)->field.stqe_next;  \
(listelm)->field.stqe_next = (elm);  \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do {  \
if (((head)->stqh_first = (head)->stqh_first->field.stqe_next) \
== NULL) \
    (head)->stqh_last = &(head)->stqh_first;  \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do {  \
if ((head)->stqh_first == (elm)) {  \
    STAILQ_REMOVE_HEAD((head), field);  \
} else {  \
    struct type *curelm = (head)->stqh_first;  \
    while (curelm->field.stqe_next != (elm))  \
        curelm = curelm->field.stqe_next;  \
    if ((curelm->field.stqe_next =  \
        curelm->field.stqe_next->field.stqe_next) == NULL) \
        (head)->stqh_last = &(curelm)->field.stqe_next;  \
}  \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field)  \
for ((var) = ((head)->stqh_first);  \
    (var);  \
    (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar)  \
for ((var) = STAILQ_FIRST((head));  \
    (var) && ((tvar) = STAILQ_NEXT((var), field), 1);  \
    (var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do {  \
if (!STAILQ_EMPTY((head2))) {  \
    *(head1)->stqh_last \
    = (head2)->stqh_first;  \
    (head1)->stqh_last = (head2)->stqh_last;  \
    STAILQ_INIT((head2));  \
}  \
} while (/*CONSTCOND*/0)

```

```

#define STAILQ_LAST(head, type, field) \
(STAILQ_EMPTY((head)) ? \
NULL : \
((struct type *)(void *) \
((char *)((head)->stqh_last) - offsetof(struct type, field))))

#ifndef _KERNEL
/*
 * Circular queue definitions. Do not use. We still keep the macros
 * for compatibility but because of pointer aliasing issues their use
 * is discouraged!
 */

/*
 * __launder_type(): We use this ugly hack to work around the the compiler
 * noticing that two types may not alias each other and elide tests in code.
 * We hit this in the CIRCLEQ macros when comparing 'struct name *' and
 * 'struct type *' (see CIRCLEQ_HEAD()). Modern compilers (such as GCC
 * 4.8) declare these comparisons as always false, causing the code to
 * not run as designed.
 *
 * This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
 *
 * If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
 * this by changing the head/tail sentinel values, but see the note above
 * this one.
 */
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
    __asm __volatile("" : "+r" (__x));
    return __x;
}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field) \
if ((head)->cqh_first != CIRCLEQ_ENDC(head) && \
(head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
    QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \
        __FILE__, __LINE__); \
if ((head)->cqh_last != CIRCLEQ_ENDC(head) && \
(head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
    QUEUEDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
        __FILE__, __LINE__);

```

```

#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field) \
if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_last != (elm)) \
        QUEUEDEBUG_ABORT("CIRCLEQ\n\
elm last %p %s:%d", \
            (elm), __FILE__, __LINE__); \
    } else { \
        if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
                (elm), __FILE__, __LINE__); \
        } \
    if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) { \
        if ((head)->cqh_first != (elm)) \
            QUEUEDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
                (elm), __FILE__, __LINE__); \
        } else { \
            if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
                QUEUEDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
                    (elm), __FILE__, __LINE__); \
        } \
    }
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field) \
    (elm)->field.cqe_next = (void *)1L; \
    (elm)->field.cqe_prev = (void *)1L;
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBUG_CIRCLEQ_ELM(head, elm, field)
#define QUEUEDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#define CIRCLEQ_HEAD(name, type) \
struct name { \
    struct type *cqh_first; /* \
first element */ \
    struct type *cqh_last; /* last element */ \
}

#define CIRCLEQ_HEAD_INITIALIZER(head) \
{ CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type) \
struct { \
    struct type *cqe_next; /* next element */ \
    struct type *cqe_prev; /* previous element */ \
}

/*
 * Circular queue functions.
 */

```

```

#define CIRCLEQ_INIT(head) do { \
    (head)->cqh_first = CIRCLEQ_END(head); \
    (head)->cqh_last = CIRCLEQ_END(head); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm)->field.cqe_next; \
    (elm)->field.cqe_prev = (listelm); \
    if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (listelm)->field.cqe_next->field.cqe_prev = (elm); \
    (listelm)->field.cqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head, \
    listelm, elm, field) do { \
    QUEUEDEBBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm); \
    (elm)->field.cqe_prev = (listelm)->field.cqe_prev; \
    if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else \
        (listelm)->field.cqe_prev->field.cqe_next = (elm); \
    (listelm)->field.cqe_prev = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next = (head)->cqh_first; \
    (elm)->field.cqe_prev = CIRCLEQ_END(head); \
    if ((head)->cqh_last == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (head)->cqh_first->field.cqe_prev = (elm); \
    (head)->cqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do { \
    QUEUEDEBBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next \
    = CIRCLEQ_END(head); \
    (elm)->field.cqe_prev = (head)->cqh_last; \
    if ((head)->cqh_first == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
} while (/*CONSTCOND*/0)

```

```

else    \
    (head)->cqh_last->field.cqe_next = (elm); \
    (head)->cqh_last = (elm);    \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do { \
    QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBUG_CIRCLEQ_ELM((head), (elm), field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm)->field.cqe_prev; \
    else    \
        (elm)->field.cqe_next->field.cqe_prev = \
            (elm)->field.cqe_prev; \
    if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm)->field.cqe_next; \
    else    \
        (elm)->field.cqe_prev->field.cqe_next = \
            (elm)->field.cqe_next; \
    QUEUEDEBUG_CIRCLEQ_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field) \
    for ((var) = ((head)->cqh_first); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) \
        = ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field) \
    for ((var) = ((head)->cqh_last); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) = ((var)->field.cqe_prev))

/*
 * Circular queue access methods.
 */

#define CIRCLEQ_FIRST(head) ((head)->cqh_first)
#define CIRCLEQ_LAST(head) ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head) (__launter_type(head))
/* For assignments */
#define CIRCLEQ_END(head) ((void *)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)
#define CIRCLEQ_EMPTY(head) \
    (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field) \
    (((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \

```



```

? ((head)->cqh_first) \
: (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field) \
(((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
? ((head)->cqh_last) \
:
(elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */
/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
/* Modified by Void Linux. */
/*
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* (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
* THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
*/

#ifndef _SYS_TREE_H_
#define _SYS_TREE_H_

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
(__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0

```

```

#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
 * This file defines data structures for different types of trees:
 * splay trees and red-black trees.
 *
 * A splay tree is a self-organizing
 * data structure. Every operation
 * on the tree causes a splay to happen. The splay moves the requested
 * node to the root of the tree and partly rebalances it.
 *
 * This has the benefit that request locality causes faster lookups as
 * the requested nodes move to the top of the tree. On the other hand,
 * every lookup causes memory writes.
 *
 * The Balance Theorem bounds the total access time for m operations
 * and n inserts on an initially empty tree as  $O((m + n)\lg n)$ . The
 * amortized cost for a sequence of m accesses to a splay tree is  $O(\lg n)$ ;
 *
 * A red-black tree is a binary search tree with the node color as an
 * extra attribute. It fulfills a set of conditions:
 * - every search path from the root to a leaf consists of the
 *   same number of black nodes,
 * - each red node (except for the root) has a black parent,
 * - each leaf node is black.
 *
 * Every operation on a red-black tree is bounded as  $O(\lg n)$ .
 * The maximum height of a red-black tree is  $2\lg(n+1)$ .
 */

#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}

#define SPLAY_INITIALIZER(root) \
{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)

```

```

#define SPLAY_ENTRY(type)  \
struct {  \
    struct type *spe_left; /* left element */  \
    struct type *spe_right; /* right element */  \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do {  \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root;  \
    (head)->sph_root = tmp;  \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do {  \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root;  \
    (head)->sph_root = tmp;  \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do {  \
    SPLAY_LEFT(tmp, field) = (head)->sph_root;  \
    tmp = (head)->sph_root;  \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do {  \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root;  \
    tmp = (head)->sph_root;  \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do {  \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */

#define

```

```

    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
\
/* Finds the node with the same key as elm */ \
static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
\
static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \
            elm = SPLAY_LEFT(elm, field); \
        } \
    } \
    else \
        elm = NULL; \
    return (elm); \
} \
\
static _sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
} \
\
/* Main splay operation.
 * Moves node close to the key of elm to top
 */
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) { \

```

```

    SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
} else { \
    int __comp; \
    name##_SPLAY(head, elm); \
    __comp = (cmp)(elm, (head)->sph_root); \
    if(__comp < 0) { \
        SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
        SPLAY_RIGHT(elm, field) = (head)->sph_root; \
        SPLAY_LEFT((head)->sph_root, field) = NULL; \
    } else if (__comp > 0) { \
        SPLAY_RIGHT(elm,
field) = SPLAY_RIGHT((head)->sph_root, field);\
        SPLAY_LEFT(elm, field) = (head)->sph_root; \
        SPLAY_RIGHT((head)->sph_root, field) = NULL; \
    } else \
        return ((head)->sph_root); \
} \
(head)->sph_root = (elm); \
return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \
        return (NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) { \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
            (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
        } else { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field);\
            (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
            name##_SPLAY(head, elm); \
            SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
        } \
        return (elm); \
    } \
    return (NULL); \
} \
\
void \
name##_SPLAY(struct
name *head, struct type *elm) \
{ \
    struct type __node, *__left, *__right, *__tmp; \
    int __comp; \

```

```

\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node; \
\
while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
if (__comp < 0) { \
__tmp = SPLAY_LEFT((head)->sph_root, field);\
if (__tmp == NULL) \
break; \
if ((cmp)(elm, __tmp) < 0){ \
SPLAY_ROTATE_RIGHT(head, __tmp, field);\
if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
break; \
} \
SPLAY_LINKLEFT(head, __right, field);\
} else if (__comp > 0) { \
__tmp = SPLAY_RIGHT((head)->sph_root, field);\
if (__tmp == NULL) \
break; \
if ((cmp)(elm, __tmp) > 0){ \
SPLAY_ROTATE_LEFT(head, __tmp, field);\
if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
break; \
} \
SPLAY_LINKRIGHT(head, __left, field);\
} \
} \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field);\
} \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/ \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{ \
struct type __node, *__left, *__right, *__tmp; \
\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node; \
\
while (1) { \
if (__comp < 0) { \
__tmp = SPLAY_LEFT((head)->sph_root, field);\
if (__tmp == NULL) \
break; \
if (__comp < 0){ \
SPLAY_ROTATE_RIGHT(head, __tmp, field);\

```

```

    if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
        break; \
} \
SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
    __tmp = SPLAY_RIGHT((head)->sph_root, field);\
    if (__tmp == NULL) \
        break; \
    if (__comp > 0) { \
        SPLAY_ROTATE_LEFT(head, __tmp, field);\
        if (SPLAY_RIGHT((head)->sph_root,
field) == NULL)\
            break; \
    } \
    SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
struct name { \
    struct type *rbh_root; /* root of the tree */ \
}

#define RB_INITIALIZER(root) \
{ \
    NULL \
}

#define RB_INIT(root) do { \

```

```

(root)->rbh_root = NULL;  \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type)  \
struct {  \
    struct type *rbe_left; /* left element */ \
    struct type *rbe_right; /* right element */ \
    struct type *rbe_parent; /* parent element */ \
    int rbe_color; /* node color */ \
}

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do {  \
    RB_PARENT(elm, field) = parent;  \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED;  \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do {  \
    RB_COLOR(black, field) = RB_BLACK;  \
    RB_COLOR(red, field) \
    = RB_RED;  \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do {  \
    (tmp) = RB_RIGHT(elm, field);  \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    }  \
    RB_AUGMENT(elm);  \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else  \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else  \

```



```

(head)->rbh_root = (tmp); \
RB_LEFT(tmp, field) = (elm); \
RB_PARENT(elm, field) = (tmp); \
RB_AUGMENT(tmp); \
if ((RB_PARENT(tmp, field))) \
    RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
        != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
        type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *); \
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \
    attr struct type *name##_RB_NEXT(struct type *); \
    attr struct type *name##_RB_PREV(struct type *); \
    attr struct type *name##_RB_MINMAX(struct name *, int); \
    \

/* Main rb operation.

```

```

* Moves node close to the key of elm to top
*/
#define RB_GENERATE(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
    RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
    attr void \
name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
{ \
    struct type \
    *parent, *gparent, *tmp; \
    while ((parent = RB_PARENT(elm, field)) != NULL && \
        RB_COLOR(parent, field) == RB_RED) { \
        gparent = RB_PARENT(parent, field); \
        if (parent == RB_LEFT(gparent, field)) { \
            tmp = RB_RIGHT(gparent, field); \
            if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                RB_COLOR(tmp, field) = RB_BLACK; \
                RB_SET_BLACKRED(parent, gparent, field);\
                elm = gparent; \
                continue; \
            } \
            if (RB_RIGHT(parent, field) == elm) { \
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                tmp = parent; \
                parent = elm; \
                elm = tmp; \
            } \
            RB_SET_BLACKRED(parent, gparent, field); \
            RB_ROTATE_RIGHT(head, gparent, tmp, field); \
        } else { \
            tmp = RB_LEFT(gparent, field); \
            if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
                RB_COLOR(tmp, field) = RB_BLACK; \
                RB_SET_BLACKRED(parent, gparent, field);\
                elm = gparent; \
                continue; \
            } \
            if (RB_LEFT(parent, field) == elm) \
{ \
                RB_ROTATE_RIGHT(head, parent, tmp, field);\
                tmp = parent; \
                parent = elm; \
                elm = tmp; \
            } \
            RB_SET_BLACKRED(parent, gparent, field); \
            RB_ROTATE_LEFT(head, gparent, tmp, field); \

```

```

    } \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
    \
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp, \
field), field) == RB_BLACK)) {\
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \
                parent = RB_PARENT(elm, field); \
            } else { \
                if (RB_RIGHT(tmp, field) == NULL || \
                    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
                    struct type *oleft; \
                    if ((oleft = RB_LEFT(tmp, field)) \
                        != NULL) \
                        RB_COLOR(oleft, field) = RB_BLACK;\
                    RB_COLOR(tmp, field) = RB_RED; \
                    RB_ROTATE_RIGHT(head, tmp, oleft, field);\
                    tmp = RB_RIGHT(parent, field); \
                } \
                RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
                RB_COLOR(parent, field) = RB_BLACK; \
                if (RB_RIGHT(tmp, field)) \
                    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK;\
                RB_ROTATE_LEFT(head, parent, tmp, field);\
                elm = RB_ROOT(head); \
                break; \
            } \
        } else { \
            tmp = RB_LEFT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \

```

```

    RB_SET_BLACKRED(tmp, parent, field); \
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    tmp
= RB_LEFT(parent, field); \
} \
if ((RB_LEFT(tmp, field) == NULL || \
    RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
    (RB_RIGHT(tmp, field) == NULL || \
    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
    RB_COLOR(tmp, field) = RB_RED; \
    elm = parent; \
    parent = RB_PARENT(elm, field); \
} else { \
    if (RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
        struct type *oright; \
        if ((oright = RB_RIGHT(tmp, field)) \
            != NULL) \
            RB_COLOR(oright, field) = RB_BLACK;\
        RB_COLOR(tmp, field) = RB_RED; \
        RB_ROTATE_LEFT(head, tmp, oright, field);\
        tmp = RB_LEFT(parent, field); \
    } \
    RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
    RB_COLOR(parent, field) = RB_BLACK; \
    if (RB_LEFT(tmp, field)) \
        RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
    RB_ROTATE_RIGHT(head, parent, tmp, field);\
    elm = RB_ROOT(head); \
    break; \
} \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \
    int color; \
    if (RB_LEFT(elm, field) == NULL) \
        child = RB_RIGHT(elm, field); \
    else if (RB_RIGHT(elm, field) == NULL) \
        child = RB_LEFT(elm, field); \
    else { \

```

```

struct type *left;  \
elm = RB_RIGHT(elm, field);  \
while ((left = RB_LEFT(elm, field)) != NULL) \
    elm = left;  \
child = RB_RIGHT(elm, field);  \
parent = RB_PARENT(elm, field);  \
color = RB_COLOR(elm, field);  \
if (child)  \
    RB_PARENT(child, field) = parent; \
if (parent) {  \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else  \
        RB_RIGHT(parent, field) = child; \
    RB_AUGMENT(parent);  \
} else  \
    RB_ROOT(head)
= child;  \
if (RB_PARENT(elm, field) == old) \
    parent = elm;  \
(elm)->field = (old)->field;  \
if (RB_PARENT(old, field)) {  \
    if (RB_LEFT(RB_PARENT(old, field), field) == old)\
        RB_LEFT(RB_PARENT(old, field), field) = elm;\
    else  \
        RB_RIGHT(RB_PARENT(old, field), field) = elm;\
    RB_AUGMENT(RB_PARENT(old, field)); \
} else  \
    RB_ROOT(head) = elm;  \
RB_PARENT(RB_LEFT(old, field), field) = elm; \
if (RB_RIGHT(old, field))  \
    RB_PARENT(RB_RIGHT(old, field), field) = elm; \
if (parent) {  \
    left = parent;  \
    do {  \
        RB_AUGMENT(left); \
    } while ((left = RB_PARENT(left, field)) != NULL); \
}  \
goto color;  \
}  \
parent = RB_PARENT(elm, field);  \
color = RB_COLOR(elm, field);  \
if (child)  \
    RB_PARENT(child, field) = parent; \
if (parent) {  \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else  \

```

```

    RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\
/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = (cmp)(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    RB_SET(elm, parent, field); \
    if (parent != NULL) { \
        if (comp < 0) \
            RB_LEFT(parent, field) = elm; \
        else \
            RB_RIGHT(parent, field) = elm; \
        RB_AUGMENT(parent); \
    } else \
        RB_ROOT(head) = elm; \
    name##_RB_INSERT_COLOR(head,
elm); \
    return (NULL); \
} \
\
/* Finds the node with the same key as elm */ \
attr struct type * \
name##_RB_FIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \

```

```

int comp;    \
while (tmp) {    \
    comp = cmp(elm, tmp);    \
    if (comp < 0)    \
        tmp = RB_LEFT(tmp, field);    \
    else if (comp > 0)    \
        tmp = RB_RIGHT(tmp, field);    \
    else    \
        return (tmp);    \
}    \
return (NULL);    \
}    \
    \

/* Finds the first node greater than or equal to the search key */\
attr struct type *    \
name##_RB_NFIND(struct name *head, struct type *elm)    \
{    \
    struct type *tmp = RB_ROOT(head);    \
    struct type *res = NULL;    \
    int comp;    \
    while (tmp) {    \
        comp = cmp(elm, tmp);    \
        if (comp < 0) {    \
            res = tmp;    \
            tmp = RB_LEFT(tmp, field);    \
        }    \
        else if (comp > 0)    \
            tmp =    \
RB_RIGHT(tmp, field);    \
        else    \
            return (tmp);    \
    }    \
    return (res);    \
}    \
    \

/* ARGSUSED */    \
attr struct type *    \
name##_RB_NEXT(struct type *elm)    \
{    \
    if (RB_RIGHT(elm, field)) {    \
        elm = RB_RIGHT(elm, field);    \
        while (RB_LEFT(elm, field))    \
            elm = RB_LEFT(elm, field);    \
    } else {    \
        if (RB_PARENT(elm, field) &&    \
            (elm == RB_LEFT(RB_PARENT(elm, field), field)))    \
            elm = RB_PARENT(elm, field);    \
        else {    \

```

```

while (RB_PARENT(elm, field) && \
      (elm == RB_RIGHT(RB_PARENT(elm, field), field)))\
    elm = RB_PARENT(elm, field); \
elm = RB_PARENT(elm, field); \
} \
} \
return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_PREV(struct type *elm) \
{ \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    } \
    else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                  (elm == RB_LEFT(RB_PARENT(elm, field), field)))\
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
attr struct type * \
name##_RB_MINMAX(struct name *head, int val) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *parent = NULL; \
    while (tmp) { \
        parent = tmp; \
        if (val < 0) \
            tmp = RB_LEFT(tmp, field); \
        else \
            tmp = RB_RIGHT(tmp, field); \
    } \
    return (parent); \
}

```

```

#define RB_NEGINF -1

```



```

#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head) \
for ((x) = RB_MIN(name, head); \
(x) != NULL; \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y) \
for ((x) = RB_MIN(name, head); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE(x, name, head) \
for ((x) = RB_MAX(name, head); \
(x) != NULL; \
(x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name,
head, y) \
for ((x) = RB_MAX(name, head); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#endif /* _SYS_TREE_H_ */
# MIT License

```

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Contributor: Maxim Karasev <begs@disroot.org>

Maintainer: mio <miyopan@e.email>

pkgname=bsd-games

pkgver=3.3

pkgrel=2

pkgdesc="traditional text mode games from BSD"

url="https://bsd-games.sourceforge.io/"

arch="all"

license="BSD-3-Clause"

install="\$pkgname.post-install"

makedepends="ncurses-dev coreutils" # configure causes busybox expr error

subpackages="\$pkgname-doc"

source="https://sourceforge.net/projects/bsd-games/files/bsd-games-\$pkgver.tar.gz

0001-bsd-games-scores-dir.patch

"

options="!check" # no tests

build() {

some GNU autoconf options are ignored, but it works

./configure \

--build=\$CBUILD \

--host=\$CHOST \

--prefix=/usr \

--sysconfdir=/etc \

--mandir=/usr/share/man \

--sourcedir=/usr/share/\$pkgname

make

}

```
package() {  
  make DESTDIR="$pkgdir" install  
  install -Dm644 LICENSE "$pkgdir"/usr/share/licenses/bsd-games/LICENSE  
}
```

```
sha512sums="  
aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6  
8d3390143e0e62d5e3d210ccfb61294  
  bsd-games-3.3.tar.gz  
e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0  
577b7e278029ca5ed50f7aab22319f6 0001-bsd-games-scores-dir.patch  
"
```

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mini_sendmail - accept email on behalf of real sendmail

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Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

url="https://www.levien.com/libart/"

arch="all"

options="!check" # No test suite.

license="LGPL-2.0-or-later"

subpackages="\$pkgname-dev"

source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-\$pkgver.tar.bz2"

"

builddir="\$srcdir"/libart-lgpl-\$pkgver

```
prepare() {  
    update_config_sub  
    default_prepare  
}
```

```
build() {  
    ./configure \  
        --build=$CBUILD \  
        --host=$CHOST \  
        --prefix=/usr  
    make  
}
```

```
package() {  
    make DESTDIR="$pkgdir" install  
}
```

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e76654309e001aee9bace727b5b4c8589405256a3c020 libart-lgpl-2.3.21.tar.bz2"

1.264 libapk2 2.14.9-r2

1.264.1 Available under license :

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Version 2, June 1991

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1.265 ssl-client 1.37.0-r18

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1.266 busybox 1.37.0-r18

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*

*/

Found in path(s):

* /aports-master-main-busybox-zip/aports-master-main-busybox/main/busybox/bbsuid.c

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/*

* depmod - generate modules.dep

* Copyright (c) 2008 Bernhard Reutner-Fischer

- * Copyright (c) 2008 Timo Teras <timo.teras@iki.fi>

+ * Copyright (c) 2008-2015 Timo Teras <timo.teras@iki.fi>

* Copyright (c) 2008 Vladimir Dronnikov

*

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@@ -25,6 +25,24 @@

#include "modutils.h"

#include <sys/utsname.h> /* uname() */

+#define INDEX_MINCHAR 32

+#define INDEX_MAXCHAR 128

+

+typedef struct index_node {

+ char *prefix;

+ llist_t *values;

+ struct index_node *children[INDEX_MAXCHAR-INDEX_MINCHAR];

+} index_node;

+

+struct globals {

+ module_db db;

+ index_node *root_node;

+} FIX_ALIASING;

+#define G (*ptr_to_globals)

+#define INIT_G() do { \

+ SET_PTR_TO_GLOBALS(xzalloc(sizeof(G))); \

+} while (0)

+

/*

* Theory of operation:

* - iterate over all modules and record their full path

@@ -53,18 +71,12 @@ static int FAST_FUNC parse_module(struct recursive_state

*state,

for (ptr = image; ptr < image + len - 10; ptr++) {

if (is_prefixed_with(ptr, "depends=")) {

- char *u;

-

ptr += 8;

- for (u = ptr; *u; u++)

```

- if (*u == '-')
- *u = '_';
- ptr += string_to_llist(ptr, &e->deps, ",");
+ string_to_llist(replace_underscores(ptr), &e->deps, ",");
} else if (ENABLE_FEATURE_MODUTILS_ALIAS
&& is_prefixed_with(ptr, "alias=")
) {
- llist_add_to(&e->aliases, xstrdup(ptr + 6));
- ptr += strlen(ptr);
+ llist_add_to(&e->aliases, replace_underscores(xstrdup(ptr + 6)));
} else if (ENABLE_FEATURE_MODUTILS_SYMBOLS
&& is_prefixed_with(ptr, "__ksymtab_")
) {
@@ -74,9 +86,10 @@ static int FAST_FUNC parse_module(struct recursive_state *state,
) {
continue;
}
- llist_add_to(&e->symbols, xstrdup(ptr));
- ptr += strlen(ptr);
- }
+ llist_add_to(&e->symbols, xasprintf("symbol:%s", ptr));
+ } else
+ continue;
+ ptr += strlen(ptr);
}
free(image);

@@ -108,12 +121,6 @@ static void order_dep_list(module_db *modules, module_entry *start, llist_t
*add
}
}

-static void xfreopen_write(const char *file, FILE *f)
-{
- if (freopen(file, "w", f) == NULL)
- bb_perror_msg_and_die("can't open '%s'", file);
-}
-
//usage:#if !ENABLE_MODPROBE_SMALL
//usage:#define depmod_trivial_usage "[-n] [-b BASE] [VERSION] [MODFILES]..."
//usage:#define depmod_full_usage "\n\n"
@@ -167,6 +174,169 @@ enum {
OPT_C = (1 << 9), /* -C,--config etc_modules_conf: ignored */

Found in path(s):
* /aports-master-main-busybox-zip/aports-master-main-busybox/main/busybox/0018-depmod-support-generating-
kmod-binary-index-files.patch

```

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Found in path(s):

* /aports-master-main-busybox-zip/aports-master-main-busybox/main/busybox/0024-umount-Implement-O-option-to-unmount-by-mount-option.patch

1.267 alpine-baselayout-data 3.7.0-r0

1.267.1 Available under license :

```
# Automatically generated by apkbuild-cpan, template 1
# Contributor: Francesco Colista <francesco.colista@gmail.com>
# Maintainer: Francesco Colista <francesco.colista@gmail.com>
pkgname=perl-software-license
_pkgreal=Software-License
pkgver=0.103004
pkgrel=0
pkgdesc="packages that provide templated software licenses"
url="http://search.cpan.org/dist/Software-License/"
arch="noarch"
license="GPL PerlArtistic"
cpandepends="perl-text-template perl-data-section perl-sub-install"
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/R/RJ/RJBS/${_pkgreal}-${pkgver}.tar.gz"

_buildddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    make && make test
}

package() {
    cd "$_buildddir"
    make
```

```

DESTDIR="$pkgdir" install || return 1
find "$pkgdir" \( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="0c5fd53d93818566234578b27d667b35 Software-License-0.103004.tar.gz"
# Maintainer: Natanael Copa <ncopa@alpinelinux.org>
pkgname=libart-lgpl
pkgver=2.3.21
pkgrel=5
pkgdesc="A library for high-performance 2D graphics"
url="http://www.levien.com/libart/"
arch="all"
license="LGPL"
depends=
makedepends=
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart-lgpl/2.3/libart-lgpl-$pkgver.tar.bz2"
"

_buildddir="$srcdir"/libart-lgpl-$pkgver

prepare() {
    cd "$_buildddir"
    update_config_sub || return 1
}

build() {
    cd "$_buildddir"
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr \
    || return 1
    make || return 1
}

package() {
    cd "$_buildddir"
    make DESTDIR="$pkgdir" install || return 1
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart-lgpl-2.3.21.tar.bz2"
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```
# Automatically generated by apkbuidl-cpan, template 1
# Contributor: Valery Kartel <valery.kartel@gmail.com>
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pkgname=perl-bsd-resource
_pkgreal=BSD-Resource
pkgver=1.2909
pkgrel=2
pkgdesc="Perl extension implements the BSD process resource limit functions"
url="http://search.cpan.org/dist/BSD-Resource/"
arch="all"
license="GPL PerlArtistic"
cpandepends=""
cpanmakedepends=""
depends="$cpandepends"
makedepends="perl-dev $cpanmakedepends"
subpackages="$pkgname-doc"
source="http://search.cpan.org/CPAN/authors/id/J/JH/JHI/${_pkgreal}-${pkgver}.tar.gz"

_buildddir="$srcdir/${_pkgreal}-${pkgver}"

prepare() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
    PERL_MM_USE_DEFAULT=1 perl Makefile.PL INSTALLDIRS=vendor
}

build() {
    cd "$_buildddir"
    export CFLAGS=`perl -MConfig -E 'say $Config{ccflags}`
```

```

make && make test || return 1
}

package() {
cd "$_builddir"
make DESTDIR="$pkgdir" install || return 1
find "$pkgdir"
\ ( -name perllocal.pod -o -name .packlist \) -delete
}

md5sums="3c6dd2fa953088aa87e263f40818d012 BSD-Resource-1.2909.tar.gz"
sha256sums="c47d460e2bd00d8d049f6ff4a0f1f61957e289e8de45af5fc79e851e2e855e06 BSD-Resource-
1.2909.tar.gz"
sha512sums="5f489eaac5089e82081b7cf51d62638750e443751b49415407354da96b17771819b5e6e85529faa41ddd
85743363750157943c7f7700276cce2bd40a429fa430 BSD-Resource-1.2909.tar.gz"
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pkgname=py-flake8-copyright

_pkgname=flake8-copyright

pkgver=0.2.0

pkgrel=1

pkgdesc="Extension for flake8 which checks for copyrights"

url="https://github.com/savoirfairelinux/flake8-copyright"

arch="noarch"

license="MIT"

depends="flake8"

makedepends="python3-dev"

source="https://files.pythonhosted.org/packages/source/\${_pkgname:0:1}/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\${srcdir}/\${_pkgname}-\${pkgver}"

```
build() {  
    cd "$builddir"  
    python3 setup.py build || return 1  
}
```

```
package() {  
    cd "$builddir"  
    python3 setup.py install --prefix=/usr --root="$pkgdir" || return 1  
}
```

md5sums="c6348990c6d74933bf5d5f6a55a14bdf flake8-copyright-0.2.0.tar.gz"

sha256sums="aeef26eb4d5223c9cd5b101e68175fcef6d2b353bf36da688fdde62fccfe2b73 flake8-copyright-0.2.0.tar.gz"

sha512sums="bab1bfaeed3a525ac3c7da12b1f2ec338c204cc69b72d05cd39560e528faff5d586c3b1be9570f4a977a7e2417b586e543bfba12abce256b2023c8c4993eeb90

flake8-copyright-0.2.0.tar.gz"

mini_sendmail - accept email on behalf of real sendmail

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1.268 metrics 4.2.32

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

Manifest-Version: 1.0

Automatic-Module-Name: com.codahale.metrics

Build-Jdk-Spec: 17

Bundle-Description: Metrics is a Java library which gives you unparalleled insight into what your code does in production. Metrics provides a powerful toolkit of ways to measure the behavior of critical components in your production environment.

Bundle-License: <https://www.apache.org/licenses/LICENSE-2.0.html>

Bundle-ManifestVersion: 2

Bundle-Name: Metrics Core

Bundle-SymbolicName: io.dropwizard.metrics.core

Bundle-Version: 4.2.32

Created-By: Apache Maven Bundle Plugin 5.1.9

Export-Package: com.codahale.metrics;uses:="org.slf4j";version="4.2.32"

"

Implementation-Title: Metrics Core

Implementation-Version: 4.2.32

Import-Package: org.slf4j;version="[1.6.0,2.0.0)"

Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"

Tool: Bnd-6.3.1.202206071316

Found in path(s):

1.269 mariadb-common 11.4.5-r2

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```

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```
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```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
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/* Structure of the name list */

```
struct show_table_contributors_st {  
    const char *name;  
    const char *location;  
    const char *comment;  
};
```

/*

Output from "SHOW CONTRIBUTORS"

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

*/

```
struct show_table_contributors_st show_table_contributors[] = {  
    /* MariaDB Foundation sponsors, alphabetical by tier */  
    {"Amazon", "https://www.amazon.com/", "Diamond Sponsor of the MariaDB Foundation"},  
    {"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"Alibaba Cloud", "https://www.alibabacloud.com/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"Constructor", "https://www.constructor.org/", "Platinum Sponsor of the MariaDB Foundation"},  
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    {"Rumahweb", "https://rumahweb.com/", "Bronze Sponsor of the MariaDB Foundation"},  
};
```

```

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```

```

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Version 2.1, February 1999

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

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In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

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The MariaDB packages were initially made by <http://ourdelta.org/>, and are now managed by the MariaDB development team, developers@lists.mariadb.org

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```

```
#define CONTRIBUTORS_INCLUDED
```

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```

```
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```
/* Structure of the name list */
```

```
struct show_table_contributors_st {  
  const char *name;  
  const char *location;  
  const char *comment;  
};
```

```
/*
```

```
Output from "SHOW CONTRIBUTORS"
```

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

*/

```
struct show_table_contributors_st show_table_contributors[]= {
/* MariaDB Foundation sponsors, alphabetical by tier */
{"Amazon", "https://www.amazon.com/", "Diamond Sponsor of the MariaDB Foundation"},
{"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},
{"Alibaba Cloud", "https://www.alibabacloud.com/", "Platinum Sponsor of the MariaDB Foundation"},
{"Constructor", "https://www.constructor.org/", "Platinum Sponsor of the MariaDB Foundation"},
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{"Intel", "https://www.intel.com/", "Platinum Sponsor of the MariaDB Foundation"},
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"https://tasjeel.ae/", "Bronze Sponsor of the MariaDB Foundation"},
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{"Verkkokauppa", "", "Previous Sponsor of the MariaDB Foundation"},
{"Virtuozzo", "", "Previous Sponsor of the MariaDB Foundation"},
{"Visma", "", "Previous Sponsor of the MariaDB Foundation"},
{"Webyog", "", "Previous Sponsor of the MariaDB Foundation"},

```

/* Sponsors of important features */

```
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{"Facebook", "USA", "Sponsoring non-blocking API, LIMIT ROWS EXAMINED etc"},
```

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

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

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

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

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

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

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

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

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

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

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

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

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- 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.

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

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4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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

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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.

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materials or that you have already sent this user a copy.

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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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1.271 mysql-client 11.4.5-r2

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

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

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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(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
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must be distributed under the terms of Sections 1 and 2 above on a

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<signature of Ty Coon>, 1 April 1990

Ty Coon, President of Vice

That's all there is to it!

Automatically generated by apkgbuild-cpan, template 4

Contributor: Valery Kartel <valery.kartel@gmail.com>

Maintainer: Celeste <cielesti@protonmail.com>

maintainer="Celeste <cielesti@protonmail.com>"

pkgname=perl-bsd-resource

pkgver=1.2911

pkgrel=11

#_pkgreal is used by apkgbuild-cpan to find modules at MetaCpan

_pkgreal=BSD-Resource

pkgdesc="Perl extension implements the BSD process resource limit functions"

url="https://metacpan.org/release/BSD-Resource/"

arch="all"

```

license="Artistic-2.0 OR LGPL-2.0"
depends="perl"
makedepends="perl-dev"
subpackages="$pkgname-doc"
source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-$pkgver.tar.gz"
builddir="$srcdir/$_pkgreal-$pkgver"

build() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \
        INSTALLDIRS=vendor \
        NO_PACKLIST=1 \
        NO_PERLLOCAL=1
    make
}

check() {
    export CFLAGS=$(perl -MConfig -E 'say $Config{ccflags}')
    make test
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="
d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85
    BSD-Resource-1.2911.tar.gz
"

```

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Contributor: Maxim Karasev <begs@disroot.org>

Maintainer: mio <miyopan@e.email>

pkgname=bsd-games

pkgver=3.3

pkgrel=2

pkgdesc="traditional text mode games from BSD"

url="https://bsd-games.sourceforge.io/"

arch="all"

license="BSD-3-Clause"

install="\$pkgname.post-install"

makedepends="ncurses-dev coreutils" # configure causes busybox expr error

subpackages="\$pkgname-doc"

source="https://sourceforge.net/projects/bsd-games/files/bsd-games-\$pkgver.tar.gz

0001-bsd-games-scores-dir.patch

"

options="!check" # no tests

build() {

some GNU autoconf options are ignored, but it works

./configure \

--build=\$CBUILD \

--host=\$CHOST \

--prefix=/usr \

--sysconfdir=/etc \

--mandir=/usr/share/man \

--scoredir=/usr/share/\$pkgname

make

}

package() {

make DESTDIR="\$pkgdir" install

install -Dm644 LICENSE "\$pkgdir"/usr/share/licenses/bsd-games/LICENSE

}

sha512sums="

aaf36d09d4fe68514a5c279063d7e77a9a9a84c447037cba974b29faa07eb80c2aab2379d0699c196b5c27ffe1b2bb2c6
8d3390143e0e62d5e3d210ccfb61294

bsd-games-3.3.tar.gz

e1def0d4835a877242c4173fae862e278a7858738e0bacacbb045a42bcabec2aa7c72d000bbd2421ce35fe66cdc1f52c0
577b7e278029ca5ed50f7aab22319f6 0001-bsd-games-scores-dir.patch

"

Maintainer: Natanael Copa <ncopa@alpinelinux.org>

pkgname=libart-lgpl

pkgver=2.3.21

pkgrel=8

pkgdesc="A library for high-performance 2D graphics"

```

url="https://www.levien.com/libart/"
arch="all"
options="!check" # No test suite.
license="LGPL-2.0-or-later"
subpackages="$pkgname-dev"
source="https://download.gnome.org/sources/libart_lgpl/2.3/libart_lgpl-$pkgver.tar.bz2"
"

builddir="$srcdir"/libart_lgpl-$pkgver

prepare() {
    update_config_sub
    default_prepare
}

build() {
    ./configure \
        --build=$CBUILD \
        --host=$CHOST \
        --prefix=/usr
    make
}

package() {
    make DESTDIR="$pkgdir" install
}

sha512sums="8a632a6a4da59e5e8c02ec2f5a57e36d182b325b46513765425e5f171ff9ae326af1b133725beba28f7e7
6654309e001aee9bace727b5b4c8589405256a3c020 libart_lgpl-2.3.21.tar.bz2"
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Contact: Kouhei Sutou <kou@clear-code.com>
Source: http://packages.groonga.org/source/groonga-normalizer-mysql/

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Files: debian/*
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        2013 HAYASHI Kentaro <hayashi@clear-code.com>
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Files: test/run-test.sh
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Files: normalizers/mysql_general_ci_table.h
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Files: normalizers/mysql_unicode_ci_*.h
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Contributor: Carlo Landmeter <clandmeter@alpinelinux.org>

Maintainer: Kevin Daudt <kdaudt@alpinelinux.org>

pkgname=spdx-licenses

pkgver=3.26.0

pkgrel=0

pkgdesc="Various data formats for the SPDX License List"

url="https://spdx.org/"

arch="noarch"

options="!check" # no test suite

license="CC-BY-3.0"

source="license-list-data-\$pkgver.tar.gz::https://github.com/spdx/license-list-data/archive/v\$pkgver.tar.gz"

builddir="\$srcdir/license-list-data-\$pkgver"

subpackages="\$pkgname-list"

_types="html json rdfa rdfmt rdfturtle rdfxml template text"

for type in \$_types; do

subpackages="\$subpackages \$pkgname-\$type:_subpkg"

done

package() {

mkdir -p "\$pkgdir"

}

_subpkg() {

local type=\${subpkgname/\$pkgname-/}

pkgdesc="\$pkgdesc (\$type)"

```
install_if="$pkgname=$pkgver-r$pkgrel"
mkdir -p "$subpkgdir"/usr/share/spdx
cp -r "$builddir"/$type "$subpkgdir"/usr/share/spdx/
}
```

```
list() {
    pkgdesc="$pkgdesc (licence list)"
    mkdir -p "$subpkgdir"/usr/share/spdx
    local i; for i in "$builddir"/text/*.txt;
    do
        local license=${i##*/}
        echo ${license%.*} >> "$subpkgdir"/usr/share/spdx/license.lst
    done
}
```

```
sha512sums="
67e618d4642dfe4f366935d9514d6f7941d3711e77c49bc1b340ac572d36015981b8f10c72a9f80f1d83e132ae7e5093c
0155e0c0e786e4777ee16d1cb7b885a license-list-data-3.26.0.tar.gz
"
```

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The X-Spline code was written Carole Blanc (blanc@labri.u-bordeaux.fr) and Christophe Schlick (schlick@labri.u-bordeaux.fr) starting from an initial implementation done by C. Feuille, S. Grosbois, L. Maziere and L. Minihot as a student practice (Universite Bordeaux, France). For additional information about X-splines, see:

"X-Splines: A Spline Model Designed for the End User" by C. Blanc and C. Schlick, Proceedings of SIGGRAPH'95
<http://dept-info.labri.u-bordeaux.fr/~schlick/DOC/sig1.html>

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Contributor: Dhruvin Gandhi <contact@dhruvin>

Maintainer: Patrycja Rosa <alpine@ptrcnll.me>

pkgname=py3-license-expression

_pkgname=license_expression

pkgver=30.4.1

pkgrel=0

pkgdesc="Library to parse, compare, simplify and normalize license expressions"

url="https://github.com/nexB/license-expression"

arch="noarch"

license="Apache-2.0"

depends="python3 py3-boolean.py"

makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"

checkdepends="py3-pytest py3-pytest-xdist"

subpackages="\$pkgname-pyc"

source="https://files.pythonhosted.org/packages/source/l/\${_pkgname}/\${_pkgname}-\${pkgver}.tar.gz"

builddir="\$srcdir/\${_pkgname}-\${pkgver}"

```
build() {  
    gpep517 build-wheel \  
        --wheel-dir .dist \  
        --output-fd 3 3>&1 >&2  
}
```

```
check() {  
    python3 -m venv --clear --without-pip --system-site-packages .testenv  
    .testenv/bin/python3 -m installer .dist/*.whl  
    .testenv/bin/python3 -m pytest  
}
```

```
package() {  
    python3 -m installer -d "$pkgdir" \  
        .dist/*.whl  
}
```

```
sha512sums="
114c630f098939757e49187e35b4e54883266a2ee9ca283724992420ef4c860f9606a8342da0ab74d93627c10805f312
fda3f699cbc7c4fbd47a71e220440fb0
license_expression-30.4.1.tar.gz
"
```

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# Maintainer: Patrycja Rosa <alpine@ptrcnull.me>
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_pkgname=license_expression
pkgver=30.4.3
pkgrel=0
pkgdesc="Library to parse, compare, simplify and normalize license expressions"
url="https://github.com/nexB/license-expression"
arch="noarch"
license="Apache-2.0"
depends="python3 py3-boolean.py"
makedepends="py3-setuptools py3-setuptools_scm py3-gpep517 py3-wheel"
checkdepends="py3-pytest py3-pytest-xdist"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/l/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
buildid="srcdir/${_pkgname}-${pkgver}"

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}
```

```

check() {
python3 -m venv --clear --without-pip --system-site-packages .testenv
.testenv/bin/python3 -m installer .dist/*.whl
.testenv/bin/python3 -m pytest
}

package() {
python3 -m installer -d "$pkgdir" \
.dist/*.whl
}

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2b31f4078a1665d1836a20f9a5011652898ddd5379035fbc1ce883fb4b0d5d924c81baed83f90955b29e7d6d59bf33cd
2b0b8bd8ee03853d10451c6fa64f8260
license_expression-30.4.3.tar.gz
"

```

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That's all there is to it!

```
/* $NetBSD: tree.h,v 1.20 2013/09/14 13:20:45 joerg Exp $ */
```

```
/* $OpenBSD: tree.h,v 1.13 2011/07/09 00:19:45 pirofti Exp $ */
```

```
/* Modified by Void Linux. */
```

```
/*
```

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```

```
*/
```

```
#ifndef _SYS_TREE_H_
```

```
#define _SYS_TREE_H_
```

```

#ifdef __GNUC__
#define __GNUC_PREREQ__(x, y) \
    ((__GNUC__ == (x) && __GNUC_MINOR__ >= (y)) || \
     (__GNUC__ > (x)))
#else
#define __GNUC_PREREQ__(x, y) 0
#endif

#if __GNUC_PREREQ__(2, 7) || defined(__lint__)
#define _sys_tree_h_unused __attribute__((__unused__))
#else
#define _sys_tree_h_unused /* delete */
#endif

/*
 * This file defines data structures for different types of trees:
 * splay trees and red-black trees.
 *
 * A splay tree is a self-organizing
 * data structure. Every operation
 * on the tree causes a splay to happen. The splay moves the requested
 * node to the root of the tree and partly rebalances it.
 *
 * This has the benefit that request locality causes faster lookups as
 * the requested nodes move to the top of the tree. On the other hand,
 * every lookup causes memory writes.
 *
 * The Balance Theorem bounds the total access time for m operations
 * and n inserts on an initially empty tree as  $O((m + n)\lg n)$ . The
 * amortized cost for a sequence of m accesses to a splay tree is  $O(\lg n)$ ;
 *
 * A red-black tree is a binary search tree with the node color as an
 * extra attribute. It fulfills a set of conditions:
 * - every search path from the root to a leaf consists of the
 *   same number of black nodes,
 * - each red node (except for the root) has a black parent,
 * - each leaf node is black.
 *
 * Every operation on a red-black tree is bounded as  $O(\lg n)$ .
 * The maximum height of a red-black tree is  $2\lg(n+1)$ .
 */

#define SPLAY_HEAD(name, type) \
struct name { \
    struct type *sph_root; /* root of the tree */ \
}

```

```

#define SPLAY_INITIALIZER(root) \
{ NULL }

#define SPLAY_INIT(root) do { \
    (root)->sph_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ENTRY(type) \
struct { \
    struct type *spe_left; /* left element */ \
    struct type *spe_right; /* right element */ \
}

#define SPLAY_LEFT(elm, field) (elm)->field.spe_left
#define SPLAY_RIGHT(elm, field) (elm)->field.spe_right
#define SPLAY_ROOT(head) (head)->sph_root
#define SPLAY_EMPTY(head) (SPLAY_ROOT(head) == NULL)

/* SPLAY_ROTATE_{LEFT,RIGHT} expect that tmp hold SPLAY_{RIGHT,LEFT} */
#define SPLAY_ROTATE_RIGHT(head, tmp, field) do { \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(tmp, field); \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ROTATE_LEFT(head, tmp, field) do { \
    SPLAY_RIGHT((head)->sph_root, \
    field) = SPLAY_LEFT(tmp, field); \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    (head)->sph_root = tmp; \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKLEFT(head, tmp, field) do { \
    SPLAY_LEFT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_LEFT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_LINKRIGHT(head, tmp, field) do { \
    SPLAY_RIGHT(tmp, field) = (head)->sph_root; \
    tmp = (head)->sph_root; \
    (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field); \
} while (/*CONSTCOND*/ 0)

#define SPLAY_ASSEMBLE(head, node, left, right, field) do { \
    SPLAY_RIGHT(left, field) = SPLAY_LEFT((head)->sph_root, field); \
    SPLAY_LEFT(right, field) = SPLAY_RIGHT((head)->sph_root, field); \
    SPLAY_LEFT((head)->sph_root, field) = SPLAY_RIGHT(node, field); \
} while (/*CONSTCOND*/ 0)

```

```

    SPLAY_RIGHT((head)->sph_root, field) = SPLAY_LEFT(node, field); \
} while (/*CONSTCOND*/ 0)

```

```

/* Generates prototypes and inline functions */

```

```

#define

```

```

    SPLAY_PROTOTYPE(name, type, field, cmp) \
void name##_SPLAY(struct name *, struct type *); \
void name##_SPLAY_MINMAX(struct name *, int); \
struct type *name##_SPLAY_INSERT(struct name *, struct type *); \
struct type *name##_SPLAY_REMOVE(struct name *, struct type *); \
\

```

```

/* Finds the node with the same key as elm */ \

```

```

static __inline struct type * \
name##_SPLAY_FIND(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) \
        return(NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) \
        return (head->sph_root); \
    return (NULL); \
} \
\

```

```

static __inline _sys_tree_h_unused struct type * \
name##_SPLAY_NEXT(struct name *head, struct type *elm) \
{ \
    name##_SPLAY(head, elm); \
    if (SPLAY_RIGHT(elm, field) != NULL) { \
        elm = SPLAY_RIGHT(elm, field); \
        while (SPLAY_LEFT(elm, field) != NULL) { \
            elm = SPLAY_LEFT(elm, field); \
        } \
    } \
    else \
        elm = NULL; \
    return (elm); \
} \
\

```

```

static _sys_tree_h_unused __inline struct type * \
name##_SPLAY_MIN_MAX(struct name *head, int val) \
{ \
    name##_SPLAY_MINMAX(head, val); \
    return (SPLAY_ROOT(head)); \
}

```

```

/* Main splay operation.

```

```

* Moves node close to the key of elm to top

```



```

*/
#define SPLAY_GENERATE(name, type, field, cmp) \
struct type * \
name##_SPLAY_INSERT(struct name *head, struct type *elm) \
{ \
    if (SPLAY_EMPTY(head)) { \
        SPLAY_LEFT(elm, field) = SPLAY_RIGHT(elm, field) = NULL; \
    } else { \
        int __comp; \
        name##_SPLAY(head, elm); \
        __comp = (cmp)(elm, (head)->sph_root); \
        if(__comp < 0) { \
            SPLAY_LEFT(elm, field) = SPLAY_LEFT((head)->sph_root, field);\
            SPLAY_RIGHT(elm, field) = (head)->sph_root; \
            SPLAY_LEFT((head)->sph_root, field) = NULL; \
        } else if (__comp > 0) { \
            SPLAY_RIGHT(elm, \
field) = SPLAY_RIGHT((head)->sph_root, field);\
            SPLAY_LEFT(elm, field) = (head)->sph_root; \
            SPLAY_RIGHT((head)->sph_root, field) = NULL; \
        } else \
            return ((head)->sph_root); \
    } \
    (head)->sph_root = (elm); \
    return (NULL); \
} \
\
struct type * \
name##_SPLAY_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *__tmp; \
    if (SPLAY_EMPTY(head)) \
        return (NULL); \
    name##_SPLAY(head, elm); \
    if ((cmp)(elm, (head)->sph_root) == 0) { \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL) { \
            (head)->sph_root = SPLAY_RIGHT((head)->sph_root, field);\
        } else { \
            __tmp = SPLAY_RIGHT((head)->sph_root, field); \
            (head)->sph_root = SPLAY_LEFT((head)->sph_root, field);\
            name##_SPLAY(head, elm); \
            SPLAY_RIGHT((head)->sph_root, field) = __tmp; \
        } \
        return (elm); \
    } \
    return (NULL); \
} \
\

```

```

void      \
name##_SPLAY(struct
name *head, struct type *elm) \
{      \
struct type __node, *__left, *__right, *__tmp; \
int __comp;      \
\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node;      \
\
while ((__comp = (cmp)(elm, (head)->sph_root)) != 0) { \
if (__comp < 0) {      \
__tmp = SPLAY_LEFT((head)->sph_root, field);\
if (__tmp == NULL)      \
break;      \
if ((cmp)(elm, __tmp) < 0){ \
SPLAY_ROTATE_RIGHT(head, __tmp, field);\
if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
break;      \
}      \
SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
__tmp = SPLAY_RIGHT((head)->sph_root, field);\
if (__tmp == NULL)      \
break;      \
if ((cmp)(elm, __tmp) > 0){ \
SPLAY_ROTATE_LEFT(head, __tmp, field);\
if (SPLAY_RIGHT((head)->sph_root, field) == NULL)\
break;      \
}      \
SPLAY_LINKRIGHT(head, __left, field); \
}      \
}      \
SPLAY_ASSEMBLE(head,
&__node, __left, __right, field); \
}      \
\
/* Splay with either the minimum or the maximum element \
* Used to find minimum or maximum element in tree. \
*/      \
void name##_SPLAY_MINMAX(struct name *head, int __comp) \
{      \
struct type __node, *__left, *__right, *__tmp; \
\
SPLAY_LEFT(&__node, field) = SPLAY_RIGHT(&__node, field) = NULL;\
__left = __right = &__node;      \
\
while (1) {      \

```

```

if (__comp < 0) { \
    __tmp = SPLAY_LEFT((head)->sph_root, field); \
    if (__tmp == NULL) \
        break; \
    if (__comp < 0){ \
        SPLAY_ROTATE_RIGHT(head, __tmp, field); \
        if (SPLAY_LEFT((head)->sph_root, field) == NULL)\
            break; \
    } \
    SPLAY_LINKLEFT(head, __right, field); \
} else if (__comp > 0) { \
    __tmp = SPLAY_RIGHT((head)->sph_root, field); \
    if (__tmp == NULL) \
        break; \
    if (__comp > 0) { \
        SPLAY_ROTATE_LEFT(head, __tmp, field); \
        if (SPLAY_RIGHT((head)->sph_root,
field) == NULL)\
            break; \
    } \
    SPLAY_LINKRIGHT(head, __left, field); \
} \
} \
SPLAY_ASSEMBLE(head, &__node, __left, __right, field); \
}

#define SPLAY_NEGINF -1
#define SPLAY_INF 1

#define SPLAY_INSERT(name, x, y) name##_SPLAY_INSERT(x, y)
#define SPLAY_REMOVE(name, x, y) name##_SPLAY_REMOVE(x, y)
#define SPLAY_FIND(name, x, y) name##_SPLAY_FIND(x, y)
#define SPLAY_NEXT(name, x, y) name##_SPLAY_NEXT(x, y)
#define SPLAY_MIN(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_NEGINF))
#define SPLAY_MAX(name, x) (SPLAY_EMPTY(x) ? NULL \
    : name##_SPLAY_MIN_MAX(x, SPLAY_INF))

#define SPLAY_FOREACH(x, name, head) \
    for ((x) = SPLAY_MIN(name, head); \
        (x) != NULL; \
        (x) = SPLAY_NEXT(name, head, x))

/* Macros that define a red-black tree */
#define RB_HEAD(name, type) \
    struct name { \
        struct type *rbh_root; /* root of the tree */ \
    }

```

```

#define RB_INITIALIZER(root) \
{
    NULL }

#define RB_INIT(root) do { \
    (root)->rbh_root = NULL; \
} while (/*CONSTCOND*/ 0)

#define RB_BLACK 0
#define RB_RED 1
#define RB_ENTRY(type) \
struct { \
    struct type *rbe_left; /* left element */ \
    struct type *rbe_right; /* right element */ \
    struct type *rbe_parent; /* parent element */ \
    int rbe_color; /* node color */ \
}

#define RB_LEFT(elm, field) (elm)->field.rbe_left
#define RB_RIGHT(elm, field) (elm)->field.rbe_right
#define RB_PARENT(elm, field) (elm)->field.rbe_parent
#define RB_COLOR(elm, field) (elm)->field.rbe_color
#define RB_ROOT(head) (head)->rbh_root
#define RB_EMPTY(head) (RB_ROOT(head) == NULL)

#define RB_SET(elm, parent, field) do { \
    RB_PARENT(elm, field) = parent; \
    RB_LEFT(elm, field) = RB_RIGHT(elm, field) = NULL; \
    RB_COLOR(elm, field) = RB_RED; \
} while (/*CONSTCOND*/ 0)

#define RB_SET_BLACKRED(black, red, field) do { \
    RB_COLOR(black, field) = RB_BLACK; \
    RB_COLOR(red, field) \
    = RB_RED; \
} while (/*CONSTCOND*/ 0)

#ifndef RB_AUGMENT
#define RB_AUGMENT(x) do {} while (/*CONSTCOND*/ 0)
#endif

#define RB_ROTATE_LEFT(head, elm, tmp, field) do { \
    (tmp) = RB_RIGHT(elm, field); \
    if ((RB_RIGHT(elm, field) = RB_LEFT(tmp, field)) != NULL) { \
        RB_PARENT(RB_LEFT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
}

```

```

if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
    if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
        RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
    else \
        RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
} else \
    (head)->rbh_root = (tmp); \
RB_LEFT(tmp, field) = (elm); \
RB_PARENT(elm, field) = (tmp); \
RB_AUGMENT(tmp); \
if ((RB_PARENT(tmp, field))) \
    RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

#define RB_ROTATE_RIGHT(head, elm, tmp, field) do { \
    (tmp) = RB_LEFT(elm, field); \
    if ((RB_LEFT(elm, field) = RB_RIGHT(tmp, field)) \
        != NULL) { \
        RB_PARENT(RB_RIGHT(tmp, field), field) = (elm); \
    } \
    RB_AUGMENT(elm); \
    if ((RB_PARENT(tmp, field) = RB_PARENT(elm, field)) != NULL) { \
        if ((elm) == RB_LEFT(RB_PARENT(elm, field), field)) \
            RB_LEFT(RB_PARENT(elm, field), field) = (tmp); \
        else \
            RB_RIGHT(RB_PARENT(elm, field), field) = (tmp); \
    } else \
        (head)->rbh_root = (tmp); \
    RB_RIGHT(tmp, field) = (elm); \
    RB_PARENT(elm, field) = (tmp); \
    RB_AUGMENT(tmp); \
    if ((RB_PARENT(tmp, field))) \
        RB_AUGMENT(RB_PARENT(tmp, field)); \
} while (/*CONSTCOND*/ 0)

/* Generates prototypes and inline functions */
#define RB_PROTOTYPE(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp,)
#define RB_PROTOTYPE_STATIC(name, type, field, cmp) \
    RB_PROTOTYPE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_PROTOTYPE_INTERNAL(name, type, field, cmp, attr) \
    attr void name##_RB_INSERT_COLOR(struct name *, struct \
        type *); \
    attr void name##_RB_REMOVE_COLOR(struct name *, struct type *, struct type *); \
    attr struct type *name##_RB_REMOVE(struct name *, struct type *); \
    attr struct type *name##_RB_INSERT(struct name *, struct type *); \
    attr struct type *name##_RB_FIND(struct name *, struct type *); \
    attr struct type *name##_RB_NFIND(struct name *, struct type *); \

```

```

attr struct type *name##_RB_NEXT(struct type *); \
attr struct type *name##_RB_PREV(struct type *); \
attr struct type *name##_RB_MINMAX(struct name *, int); \
\

/* Main rb operation.
* Moves node close to the key of elm to top
*/

#define RB_GENERATE(name, type, field, cmp) \
RB_GENERATE_INTERNAL(name, type, field, cmp,)
#define RB_GENERATE_STATIC(name, type, field, cmp) \
RB_GENERATE_INTERNAL(name, type, field, cmp, _sys_tree_h_unused static)
#define RB_GENERATE_INTERNAL(name, type, field, cmp, attr) \
attr void \
name##_RB_INSERT_COLOR(struct name *head, struct type *elm) \
{ \
struct type \
*parent, *gparent, *tmp; \
while ((parent = RB_PARENT(elm, field)) != NULL && \
RB_COLOR(parent, field) == RB_RED) { \
gparent = RB_PARENT(parent, field); \
if (parent == RB_LEFT(gparent, field)) { \
tmp = RB_RIGHT(gparent, field); \
if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
RB_COLOR(tmp, field) = RB_BLACK; \
RB_SET_BLACKRED(parent, gparent, field);\
elm = gparent; \
continue; \
} \
if (RB_RIGHT(parent, field) == elm) { \
RB_ROTATE_LEFT(head, parent, tmp, field);\
tmp = parent; \
parent = elm; \
elm = tmp; \
} \
RB_SET_BLACKRED(parent, gparent, field); \
RB_ROTATE_RIGHT(head, gparent, tmp, field); \
} else { \
tmp = RB_LEFT(gparent, field); \
if (tmp && RB_COLOR(tmp, field) == RB_RED) { \
RB_COLOR(tmp, field) = RB_BLACK; \
RB_SET_BLACKRED(parent, gparent, field);\
elm = gparent; \
continue; \
} \
if (RB_LEFT(parent, field) == elm) \
{ \
RB_ROTATE_RIGHT(head, parent, tmp, field);\

```

```

    tmp = parent; \
    parent = elm; \
    elm = tmp; \
} \
RB_SET_BLACKRED(parent, gparent, field); \
RB_ROTATE_LEFT(head, gparent, tmp, field); \
} \
} \
RB_COLOR(head->rbh_root, field) = RB_BLACK; \
} \
\
attr void \
name##_RB_REMOVE_COLOR(struct name *head, struct type *parent, struct type *elm) \
{ \
    struct type *tmp; \
    while ((elm == NULL || RB_COLOR(elm, field) == RB_BLACK) && \
        elm != RB_ROOT(head)) { \
        if (RB_LEFT(parent, field) == elm) { \
            tmp = RB_RIGHT(parent, field); \
            if (RB_COLOR(tmp, field) == RB_RED) { \
                RB_SET_BLACKRED(tmp, parent, field); \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
                tmp = RB_RIGHT(parent, field); \
            } \
            if ((RB_LEFT(tmp, field) == NULL || \
                RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) && \
                (RB_RIGHT(tmp, field) == NULL || \
                RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
                RB_COLOR(tmp, field) = RB_RED; \
                elm = parent; \
                parent = RB_PARENT(elm, field); \
            } else { \
                if (RB_RIGHT(tmp, field) == NULL || \
                    RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK) {\
                    struct type *oleft; \
                    if ((oleft = RB_LEFT(tmp, field)) \
                        != NULL) \
                        RB_COLOR(oleft, field) = RB_BLACK; \
                    RB_COLOR(tmp, field) = RB_RED; \
                    RB_ROTATE_RIGHT(head, tmp, oleft, field); \
                    tmp = RB_RIGHT(parent, field); \
                } \
                RB_COLOR(tmp, field) = RB_COLOR(parent, field); \
                RB_COLOR(parent, field) = RB_BLACK; \
                if (RB_RIGHT(tmp, field)) \
                    RB_COLOR(RB_RIGHT(tmp, field), field) = RB_BLACK; \
                RB_ROTATE_LEFT(head, parent, tmp, field); \
            }

```

```

    elm = RB_ROOT(head); \
    break; \
} \
} else { \
    tmp = RB_LEFT(parent, field); \
    if (RB_COLOR(tmp, field) == RB_RED) { \
        RB_SET_BLACKRED(tmp, parent, field); \
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        tmp
= RB_LEFT(parent, field); \
    } \
    if ((RB_LEFT(tmp, field) == NULL || \
        RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) &&\
        (RB_RIGHT(tmp, field) == NULL || \
        RB_COLOR(RB_RIGHT(tmp, field), field) == RB_BLACK)) {\
        RB_COLOR(tmp, field) = RB_RED; \
        elm = parent; \
        parent = RB_PARENT(elm, field); \
    } else { \
        if (RB_LEFT(tmp, field) == NULL || \
            RB_COLOR(RB_LEFT(tmp, field), field) == RB_BLACK) {\
            struct type *oright; \
            if ((oright = RB_RIGHT(tmp, field)) \
                != NULL) \
                RB_COLOR(oright, field) = RB_BLACK;\
            RB_COLOR(tmp, field) = RB_RED; \
            RB_ROTATE_LEFT(head, tmp, oright, field);\
            tmp = RB_LEFT(parent, field); \
        } \
        RB_COLOR(tmp, field) = RB_COLOR(parent, field);\
        RB_COLOR(parent, field) = RB_BLACK; \
        if (RB_LEFT(tmp, field)) \
            RB_COLOR(RB_LEFT(tmp, field), field) = RB_BLACK;\
        RB_ROTATE_RIGHT(head, parent, tmp, field);\
        elm = RB_ROOT(head); \
        break; \
    } \
} \
} \
if
(elm) \
    RB_COLOR(elm, field) = RB_BLACK; \
} \
\
attr struct type * \
name##_RB_REMOVE(struct name *head, struct type *elm) \
{ \
    struct type *child, *parent, *old = elm; \

```



```

int color;    \
if (RB_LEFT(elm, field) == NULL) \
    child = RB_RIGHT(elm, field); \
else if (RB_RIGHT(elm, field) == NULL) \
    child = RB_LEFT(elm, field); \
else { \
    struct type *left; \
    elm = RB_RIGHT(elm, field); \
    while ((left = RB_LEFT(elm, field)) != NULL) \
        elm = left; \
    child = RB_RIGHT(elm, field); \
    parent = RB_PARENT(elm, field); \
    color = RB_COLOR(elm, field); \
    if (child) \
        RB_PARENT(child, field) = parent; \
    if (parent) { \
        if (RB_LEFT(parent, field) == elm) \
            RB_LEFT(parent, field) = child; \
        else \
            RB_RIGHT(parent, field) = child; \
        RB_AUGMENT(parent); \
    } else \
        RB_ROOT(head)
= child; \
if (RB_PARENT(elm, field) == old) \
    parent = elm; \
(elm)->field = (old)->field; \
if (RB_PARENT(old, field)) { \
    if (RB_LEFT(RB_PARENT(old, field), field) == old)\
        RB_LEFT(RB_PARENT(old, field), field) = elm;\
    else \
        RB_RIGHT(RB_PARENT(old, field), field) = elm;\
    RB_AUGMENT(RB_PARENT(old, field)); \
} else \
    RB_ROOT(head) = elm; \
RB_PARENT(RB_LEFT(old, field), field) = elm; \
if (RB_RIGHT(old, field)) \
    RB_PARENT(RB_RIGHT(old, field), field) = elm; \
if (parent) { \
    left = parent; \
    do { \
        RB_AUGMENT(left); \
    } while ((left = RB_PARENT(left, field)) != NULL); \
} \
goto color; \
} \
parent = RB_PARENT(elm, field); \
color = RB_COLOR(elm, field); \

```

```

if (child) \
    RB_PARENT(child, field) = parent; \
if (parent) { \
    if (RB_LEFT(parent, field) == elm) \
        RB_LEFT(parent, field) = child; \
    else \
        RB_RIGHT(parent,
field) = child; \
    RB_AUGMENT(parent); \
} else \
    RB_ROOT(head) = child; \
color: \
if (color == RB_BLACK) \
    name##_RB_REMOVE_COLOR(head, parent, child); \
return (old); \
} \
\
/* Inserts a node into the RB tree */ \
attr struct type * \
name##_RB_INSERT(struct name *head, struct type *elm) \
{ \
    struct type *tmp; \
    struct type *parent = NULL; \
    int comp = 0; \
    tmp = RB_ROOT(head); \
    while (tmp) { \
        parent = tmp; \
        comp = (cmp)(elm, parent); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    RB_SET(elm, parent, field); \
    if (parent != NULL) { \
        if (comp < 0) \
            RB_LEFT(parent, field) = elm; \
        else \
            RB_RIGHT(parent, field) = elm; \
        RB_AUGMENT(parent); \
    } else \
        RB_ROOT(head) = elm; \
    name##_RB_INSERT_COLOR(head,
elm); \
    return (NULL); \
} \

```

```

\
/* Finds the node with the same key as elm */ \
attr struct type * \
name##_RB_FIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) \
            tmp = RB_LEFT(tmp, field); \
        else if (comp > 0) \
            tmp = RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (NULL); \
} \
\

```

```

/* Finds the first node greater than or equal to the search key */ \
attr struct type * \
name##_RB_NFIND(struct name *head, struct type *elm) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *res = NULL; \
    int comp; \
    while (tmp) { \
        comp = cmp(elm, tmp); \
        if (comp < 0) { \
            res = tmp; \
            tmp = RB_LEFT(tmp, field); \
        } \
        else if (comp > 0) \
            tmp = \
            RB_RIGHT(tmp, field); \
        else \
            return (tmp); \
    } \
    return (res); \
} \
\

```

```

/* ARGSUSED */ \
attr struct type * \
name##_RB_NEXT(struct type *elm) \
{ \
    if (RB_RIGHT(elm, field)) { \
        elm = RB_RIGHT(elm, field); \
        while (RB_LEFT(elm, field)) \

```

```

    elm = RB_LEFT(elm, field); \
} else { \
    if (RB_PARENT(elm, field) && \
        (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
        elm = RB_PARENT(elm, field); \
    else { \
        while (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        elm = RB_PARENT(elm, field); \
    } \
} \
return (elm); \
} \
\
/* ARGSUSED */ \
attr struct type * \
name##_RB_PREV(struct type *elm) \
{ \
    if (RB_LEFT(elm, field)) { \
        elm = RB_LEFT(elm, field); \
        while (RB_RIGHT(elm, field)) \
            elm = RB_RIGHT(elm, field); \
    } \
    else { \
        if (RB_PARENT(elm, field) && \
            (elm == RB_RIGHT(RB_PARENT(elm, field), field))) \
            elm = RB_PARENT(elm, field); \
        else { \
            while (RB_PARENT(elm, field) && \
                (elm == RB_LEFT(RB_PARENT(elm, field), field))) \
                elm = RB_PARENT(elm, field); \
            elm = RB_PARENT(elm, field); \
        } \
    } \
    return (elm); \
} \
\
attr struct type * \
name##_RB_MINMAX(struct name *head, int val) \
{ \
    struct type *tmp = RB_ROOT(head); \
    struct type *parent = NULL; \
    while (tmp) { \
        parent = tmp; \
        if (val < 0) \
            tmp = RB_LEFT(tmp, field); \
        else \

```

```

    tmp = RB_RIGHT(tmp, field); \
} \
return (parent); \
}

#define RB_NEGINF -1
#define RB_INF 1

#define RB_INSERT(name, x, y) name##_RB_INSERT(x, y)
#define RB_REMOVE(name, x, y) name##_RB_REMOVE(x, y)
#define RB_FIND(name, x, y) name##_RB_FIND(x, y)
#define RB_NFIND(name, x, y) name##_RB_NFIND(x,
y)
#define RB_NEXT(name, x, y) name##_RB_NEXT(y)
#define RB_PREV(name, x, y) name##_RB_PREV(y)
#define RB_MIN(name, x) name##_RB_MINMAX(x, RB_NEGINF)
#define RB_MAX(name, x) name##_RB_MINMAX(x, RB_INF)

#define RB_FOREACH(x, name, head) \
for ((x) = RB_MIN(name, head); \
(x) != NULL; \
(x) = name##_RB_NEXT(x))

#define RB_FOREACH_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_SAFE(x, name, head, y) \
for ((x) = RB_MIN(name, head); \
((x) != NULL) && ((y) = name##_RB_NEXT(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE(x, name, head) \
for ((x) = RB_MAX(name, head); \
(x) != NULL; \
(x) = name##_RB_PREV(x))

#define RB_FOREACH_REVERSE_FROM(x, name, y) \
for ((x) = (y); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

#define RB_FOREACH_REVERSE_SAFE(x, name,
head, y) \
for ((x) = RB_MAX(name, head); \
((x) != NULL) && ((y) = name##_RB_PREV(x), (x) != NULL); \
(x) = (y))

```

#endif /* _SYS_TREE_H_ */

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Automatically generated by apkbuidl-cpan, template 4

Contributor: Valery Kartel <valery.kartel@gmail.com>

Maintainer: Celeste <cielesti@protonmail.com>

maintainer="Celeste <cielesti@protonmail.com>"

pkgname=perl-bsd-resource

pkgver=1.2911

pkgrel=10

#_pkgreal is used by apkbuidl-cpan to find modules at MetaCpan

_pkgreal=BSD-Resource

pkgdesc="Perl extension implements the BSD process resource limit functions"

url="https://metacpan.org/release/BSD-Resource/"

arch="all"

license="Artistic-2.0 OR LGPL-2.0"

depends="perl"

makedepends="perl-dev"

subpackages="\$pkgname-doc"

source="https://cpan.metacpan.org/authors/id/J/JH/JHI/BSD-Resource-\$pkgver.tar.gz"

builddir="\$srcdir/\${_pkgreal}-\${pkgver}"

build() {

export CFLAGS=\$(perl -MConfig -E 'say \$Config{ccflags}')

PERL_MM_USE_DEFAULT=1 perl -I. Makefile.PL \

INSTALLDIRS=vendor \

NO_PACKLIST=1 \

NO_PERLLOCAL=1

make

}

check() {

export CFLAGS=\$(perl -MConfig -E 'say \$Config{ccflags}')

make test

}

package() {

make DESTDIR="\$pkgdir" install

}

sha512sums="

d0032d41c7c0468ed1c6d8f57b885f6cb97a5039d754c8cb60b2067daedaf53bd15fb6561a3d0f828df16dfa5417f663b
8065ba65f4fea16dc9262728b3b6b85

BSD-Resource-1.2911.tar.gz

"

== MariaDB ==

The Debian package of MySQL was first debianized on 1997-04-12 by Christian

Schwarz <schwarz@debian.org> and is maintained since 1999-04-20 by

Christian Hammers <ch@debian.org>.

The MariaDB packages were initially made by <http://ourdelta.org/>, and are now managed by the MariaDB development team, developers@lists.mariadb.org

MariaDB can be downloaded from <https://downloads.mariadb.org/>

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- > Exception at
- > <http://www.mysql.com/about/legal/licensing/foss-exception.html>.

The manual had to be removed as it is not free in the sense of the Debian Free Software Guidelines (DFSG).

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mini_sendmail - accept email on behalf of real sendmail

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Contributor: Patrycja Rosa <alpine@ptrcnull.me>

Maintainer: Patrycja Rosa <alpine@ptrcnull.me>

pkgname=bsd-compat-headers

pkgver=0.7.2

pkgrel=6

pkgdesc="BSD compatibility headers (cdefs, queue, tree)"

url="https://gitlab.alpinelinux.org/alpine/aports"

arch="noarch"

license="BSD-2-Clause AND BSD-3-Clause"

source="

cdefs.h

queue.h

tree.h

"

builddir="\$srcdir"

options="!check" # just headers

package() {

mkdir -p "\$pkgdir"

install -Dm644 -t "\$pkgdir"/usr/include/sys \

cdefs.h queue.h tree.h

}

sha512sums="

37c8fc73c7aea7b490f7850927e2bb91d12137c9e59e22c084146d515696dbc7973b5de92f4c987ba080dd2502ba8312
7006442c3f019b6447a620c0cae73178 cdefs.h

2f0d5e6e4dc3350285cf17009265dddcbe12431c111868eea39bc8cb038ab7c1f2acacbb21735c4e9d4a1fd106a8fc0f86
11ea33987d4faba37dde5ce6da0750 queue.h

d9ac210d81feb8ad2655bc80fb065d3fe20ae4417b32b4a1711e6738a4870140005c13373b5d1846ef3ce5ae6da45f2da
cef2092881eded0a2e94f6a07752ef3 tree.h

"

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Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
/* \$NetBSD: queue.h,v 1.70 2015/11/02 15:21:23 christos Exp \$ */

/*

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*

* @(#)queue.h 8.5 (Berkeley) 8/20/94

*/

#ifndef _SYS_QUEUE_H_

#define _SYS_QUEUE_H_

/*

* This file defines five types of data structures: singly-linked lists,

* lists, simple queues, tail queues, and circular queues.

*

* A singly-linked list is headed by a single forward pointer. The

* elements are singly linked for minimum space and

pointer manipulation

- * overhead at the expense of $O(n)$ removal for arbitrary elements. New
- * elements can be added to the list after an existing element or at the
- * head of the list. Elements being removed from the head of the list
- * should use the explicit macro for this purpose for optimum
- * efficiency. A singly-linked list may only be traversed in the forward
- * direction. Singly-linked lists are ideal for applications with large
- * datasets and few or no removals or for implementing a LIFO queue.

*

- * A list is headed by a single forward pointer (or an array of forward
- * pointers for a hash table header). The elements are doubly linked
- * so that an arbitrary element can be removed without a need to
- * traverse the list. New elements can be added to the list before
- * or after an existing element or at the head of the list. A list
- * may only be traversed in the forward direction.

*

- * A simple queue is headed by a pair of pointers, one the head of the
- * list and the

other to the tail of the list. The elements are singly

- * linked to save space, so elements can only be removed from the
- * head of the list. New elements can be added to the list after
- * an existing element, at the head of the list, or at the end of the
- * list. A simple queue may only be traversed in the forward direction.

*

- * A tail queue is headed by a pair of pointers, one to the head of the
- * list and the other to the tail of the list. The elements are doubly
- * linked so that an arbitrary element can be removed without a need to
- * traverse the list. New elements can be added to the list before or
- * after an existing element, at the head of the list, or at the end of
- * the list. A tail queue may be traversed in either direction.

*

- * A circle queue is headed by a pair of pointers, one to the head of the
- * list and the other to the tail of the list. The elements are doubly
- * linked so that an arbitrary element can be removed without a need to
- * traverse the list. New elements

can be added to the list before or after

- * an existing element, at the head of the list, or at the end of the list.
- * A circle queue may be traversed in either direction, but has a more
- * complex end of list detection.

*

- * For details on the use of these macros, see the queue(3) manual page.

*/

/*

- * Include the definition of NULL only on NetBSD because sys/null.h
- * is not available elsewhere. This conditional makes the header
- * portable and it can simply be dropped verbatim into any system.
- * The caveat is that on other systems some other header

```

* must provide NULL before the macros can be used.
*/
#ifdef __NetBSD__
#include <sys/null.h>
#endif

#if defined(QUEUEDEBUG)
# if defined(_KERNEL)
#  define QUEUEDEBUG_ABORT(...) panic(__VA_ARGS__)
# else
#  include <err.h>
#  define QUEUEDEBUG_ABORT(...) err(1, __VA_ARGS__)
# endif
#endif

/*
* Singly-linked List definitions.
*/
#define SLIST_HEAD(name, type) \
struct name { \
    struct type *slh_first; /* first \
    element */ \
}

#define SLIST_HEAD_INITIALIZER(head) \
{ NULL }

#define SLIST_ENTRY(type) \
struct { \
    struct type *sle_next; /* next element */ \
}

/*
* Singly-linked List access methods.
*/
#define SLIST_FIRST(head) ((head)->slh_first)
#define SLIST_END(head) NULL
#define SLIST_EMPTY(head) ((head)->slh_first == NULL)
#define SLIST_NEXT(elm, field) ((elm)->field.sle_next)

#define SLIST_FOREACH(var, head, field) \
for((var) = (head)->slh_first; \
    (var) != SLIST_END(head); \
    (var) = (var)->field.sle_next)

#define SLIST_FOREACH_SAFE(var, head, field, tvar) \
for ((var) = SLIST_FIRST((head)); \
    (var) != SLIST_END(head) && \

```

```

        ((tvar) = SLIST_NEXT((var), field), 1); \
        (var) = (tvar))

/*
 * Singly-linked List functions.
 */
#define SLIST_INIT(head) do { \
    (head)->slh_first = SLIST_END(head); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_AFTER(slistelm, elm, field) do { \
    (elm)->field.sle_next = (slistelm)->field.sle_next; \
    (slistelm)->field.sle_next \
    = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_INSERT_HEAD(head, elm, field) do { \
    (elm)->field.sle_next = (head)->slh_first; \
    (head)->slh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_AFTER(slistelm, field) do { \
    (slistelm)->field.sle_next = \
        SLIST_NEXT(SLIST_NEXT((slistelm), field), field); \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE_HEAD(head, field) do { \
    (head)->slh_first = (head)->slh_first->field.sle_next; \
} while (/*CONSTCOND*/0)

#define SLIST_REMOVE(head, elm, type, field) do { \
    if ((head)->slh_first == (elm)) { \
        SLIST_REMOVE_HEAD((head), field); \
    } \
    else { \
        struct type *curelm = (head)->slh_first; \
        while(curelm->field.sle_next != (elm)) \
            curelm = curelm->field.sle_next; \
        curelm->field.sle_next = \
            curelm->field.sle_next->field.sle_next; \
    } \
} while (/*CONSTCOND*/0)

/*
 * List definitions.
 */
#define LIST_HEAD(name, type) \

```

```

struct name {      \
    struct type *lh_first; /* first element */ \
}

#define LIST_HEAD_INITIALIZER(head) \
    { NULL }

#define LIST_ENTRY(type) \
struct {      \
    struct type *le_next; /* next element */ \
    struct type **le_prev; /* address of previous next element */ \
}

/*
 * List access methods.
 */
#define LIST_FIRST(head) ((head)->lh_first)
#define LIST_END(head) NULL
#define LIST_EMPTY(head) ((head)->lh_first == LIST_END(head))
#define LIST_NEXT(elm, field) ((elm)->field.le_next)

#define LIST_FOREACH(var, head, field) \
    for ((var) = ((head)->lh_first); \
         (var) != LIST_END(head); \
         (var) = ((var)->field.le_next))

#define LIST_FOREACH_SAFE(var, head, field, tvar) \
    for ((var) = LIST_FIRST((head)); \
         (var) != LIST_END(head) && \
         ((tvar) = LIST_NEXT((var), field), 1); \
         (var) = (tvar))

#define LIST_MOVE(head1, head2) do { \
    LIST_INIT((head2)); \
    if (!LIST_EMPTY((head1))) \
    { \
        (head2)->lh_first = (head1)->lh_first; \
        LIST_INIT((head1)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * List functions.
 */
#ifdef QUEUEDEBDEBUG
#define QUEUEDEBDEBUG_LIST_INSERT_HEAD(head, elm, field) \
    if ((head)->lh_first && \
        (head)->lh_first->field.le_prev != &(head)->lh_first) \

```

```

QUEUEDEBUG_ABORT("LIST_INSERT_HEAD %p %s:%d", (head), \
    __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_OP(elm, field) \
if ((elm)->field.le_next && \
    (elm)->field.le_next->field.le_prev != \
    &(elm)->field.le_next) \
QUEUEDEBUG_ABORT("LIST_* forw %p %s:%d", (elm), \
    __FILE__, __LINE__); \
if (*(elm)->field.le_prev != (elm)) \
QUEUEDEBUG_ABORT("LIST_* back %p %s:%d", (elm), \
    __FILE__, __LINE__);
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field) \
(elm)->field.le_next = (void *)1L; \
(elm)->field.le_prev = (void *)1L;
#else
#define QUEUEDEBUG_LIST_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_LIST_OP(elm,
    field)
#define QUEUEDEBUG_LIST_POSTREMOVE(elm, field)
#endif

#define LIST_INIT(head) do { \
    (head)->lh_first = LIST_END(head); \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_AFTER(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    if (((elm)->field.le_next = (listelm)->field.le_next) != \
        LIST_END(head)) \
        (listelm)->field.le_next->field.le_prev = \
            &(elm)->field.le_next; \
    (listelm)->field.le_next = (elm); \
    (elm)->field.le_prev = &(listelm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBUG_LIST_OP((listelm), field) \
    (elm)->field.le_prev = (listelm)->field.le_prev; \
    (elm)->field.le_next = (listelm); \
    *(listelm)->field.le_prev = (elm); \
    (listelm)->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

#define LIST_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_LIST_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.le_next \
        = (head)->lh_first) != LIST_END(head)) \
        (head)->lh_first->field.le_prev = &(elm)->field.le_next; \
} while (/*CONSTCOND*/0)

```

```

(head)->lh_first = (elm); \
(elm)->field.le_prev = &(head)->lh_first; \
} while (/*CONSTCOND*/0)

#define LIST_REMOVE(elm, field) do { \
    QUEUEDEBUG_LIST_OP((elm), field) \
    if ((elm)->field.le_next != NULL) \
        (elm)->field.le_next->field.le_prev = \
            (elm)->field.le_prev; \
    *(elm)->field.le_prev = (elm)->field.le_next; \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define LIST_REPLACE(elm, elm2, field) do { \
    if (((elm2)->field.le_next = (elm)->field.le_next) != NULL) \
        (elm2)->field.le_next->field.le_prev = \
            &(elm2)->field.le_next; \
    (elm2)->field.le_prev = (elm)->field.le_prev; \
    *(elm2)->field.le_prev = (elm2); \
    QUEUEDEBUG_LIST_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

/*
 * Simple queue definitions.
 */
#define SIMPLEQ_HEAD(name, type) \
struct name { \
    struct \
    type *sqh_first; /* first element */ \
    struct type **sqh_last; /* addr of last next element */ \
}

#define SIMPLEQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).sqh_first }

#define SIMPLEQ_ENTRY(type) \
struct { \
    struct type *sqe_next; /* next element */ \
}

/*
 * Simple queue access methods.
 */
#define SIMPLEQ_FIRST(head) ((head)->sqh_first)
#define SIMPLEQ_END(head) NULL
#define SIMPLEQ_EMPTY(head) ((head)->sqh_first == SIMPLEQ_END(head))
#define SIMPLEQ_NEXT(elm, field) ((elm)->field.sqe_next)

```



```

#define SIMPLEQ_FOREACH(var, head, field) \
for ((var) = ((head)->sqh_first); \
    (var) != SIMPLEQ_END(head); \
    (var) = ((var)->field.sqe_next))

#define SIMPLEQ_FOREACH_SAFE(var, head, field, next) \
for ((var) = ((head)->sqh_first); \
    (var) != SIMPLEQ_END(head) && \
    ((next = ((var)->field.sqe_next)), 1); \
    (var) = (next))

/*
 * Simple queue functions.
 */
#define SIMPLEQ_INIT(head) do { \
    (head)->sqh_first = NULL; \
    (head)->sqh_last \
    = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.sqe_next = (head)->sqh_first) == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
    (head)->sqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.sqe_next = NULL; \
    *(head)->sqh_last = (elm); \
    (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.sqe_next = (listelm)->field.sqe_next) == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
    (listelm)->field.sqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_HEAD(head, field) do { \
    if (((head)->sqh_first = (head)->sqh_first->field.sqe_next) == NULL) \
        (head)->sqh_last = &(head)->sqh_first; \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE_AFTER(head, elm, field) do { \
    if \
        (((elm)->field.sqe_next = (elm)->field.sqe_next->field.sqe_next) \
         == NULL) \
        (head)->sqh_last = &(elm)->field.sqe_next; \
} while (/*CONSTCOND*/0)

```

```

} while (/*CONSTCOND*/0)

#define SIMPLEQ_REMOVE(head, elm, type, field) do { \
    if ((head)->sqh_first == (elm)) { \
        SIMPLEQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->sqh_first; \
        while (curelm->field.sqe_next != (elm)) \
            curelm = curelm->field.sqe_next; \
        if ((curelm->field.sqe_next = \
            curelm->field.sqe_next->field.sqe_next) == NULL) \
            (head)->sqh_last = &(curelm->field.sqe_next); \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_CONCAT(head1, head2) do { \
    if (!SIMPLEQ_EMPTY((head2))) { \
        *(head1)->sqh_last = (head2)->sqh_first; \
        (head1)->sqh_last = (head2)->sqh_last; \
        SIMPLEQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

#define SIMPLEQ_LAST(head, type, field) \
    (SIMPLEQ_EMPTY((head)) ? \
    NULL : \
    ((struct type \
    *) (void *) \
    ((char *)((head)->sqh_last) - offsetof(struct type, field))))

/*
 * Tail queue definitions.
 */
#define _TAILQ_HEAD(name, type, qual) \
    struct name { \
        qual type *tqh_first; /* first element */ \
        qual type *qual *tqh_last; /* addr of last next element */ \
    }
#define TAILQ_HEAD(name, type) _TAILQ_HEAD(name, struct type,)

#define TAILQ_HEAD_INITIALIZER(head) \
    { TAILQ_END(head), &(head).tqh_first }

#define _TAILQ_ENTRY(type, qual) \
    struct { \
        qual type *tqe_next; /* next element */ \
        qual type *qual *tqe_prev; /* address of previous next element */ \
    }

```

```

#define TAILQ_ENTRY(type) _TAILQ_ENTRY(struct type,)

/*
 * Tail queue access methods.
 */

#define TAILQ_FIRST(head) ((head)->tqh_first)
#define TAILQ_END(head) (NULL)
#define TAILQ_NEXT(elm, field) ((elm)->field.tqe_next)
#define TAILQ_LAST(head, headname) \
    (((struct headname *) (void *) ((head)->tqh_last))->tqh_last)
#define TAILQ_PREV(elm, headname, field) \
    (((struct headname *) (void *) ((elm)->field.tqe_prev))->tqh_last)
#define TAILQ_EMPTY(head) (TAILQ_FIRST(head) == TAILQ_END(head))

#define TAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head); \
        (var) = ((var)->field.tqe_next))

#define TAILQ_FOREACH_SAFE(var, head, field, next) \
    for ((var) = ((head)->tqh_first); \
        (var) != TAILQ_END(head) && \
        ((next) = TAILQ_NEXT(var, field), 1); (var) = (next))

#define TAILQ_FOREACH_REVERSE(var, head, headname, field) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head); \
        (var) = TAILQ_PREV((var), headname, field))

#define TAILQ_FOREACH_REVERSE_SAFE(var, head, headname, field, prev) \
    for ((var) = TAILQ_LAST((head), headname); \
        (var) != TAILQ_END(head) && \
        ((prev) = TAILQ_PREV((var), headname, field), 1); (var) = (prev))

/*
 * Tail queue functions.
 */

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, \
    elm, field) \
    if ((head)->tqh_first && \
        (head)->tqh_first->field.tqe_prev != &(head)->tqh_first) \
        QUEUEDEBUG_ABORT("TAILQ_INSERT_HEAD %p %s:%d", (head), \
            __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field) \
    if (*(head)->tqh_last != NULL) \

```

```

QUEUEDEBUG_ABORT("TAILQ_INSERT_TAIL %p %s:%d", (head), \
    __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_OP(elm, field) \
if ((elm)->field.tqe_next && \
    (elm)->field.tqe_next->field.tqe_prev != \
    &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_* forw %p %s:%d", (elm), \
        __FILE__, __LINE__); \
if (*(elm)->field.tqe_prev != (elm)) \
    QUEUEDEBUG_ABORT("TAILQ_* back %p %s:%d", (elm), \
        __FILE__, __LINE__);
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field) \
if ((elm)->field.tqe_next == NULL && \
    (head)->tqh_last != &(elm)->field.tqe_next) \
    QUEUEDEBUG_ABORT("TAILQ_PREREMOVE head %p elm %p %s:%d", \
        (head), (elm), __FILE__, \
        __LINE__);
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field) \
(elm)->field.tqe_next = (void *)1L; \
(elm)->field.tqe_prev = (void *)1L;
#else
#define QUEUEDEBUG_TAILQ_INSERT_HEAD(head, elm, field)
#define QUEUEDEBUG_TAILQ_INSERT_TAIL(head, elm, field)
#define QUEUEDEBUG_TAILQ_OP(elm, field)
#define QUEUEDEBUG_TAILQ_PREREMOVE(head, elm, field)
#define QUEUEDEBUG_TAILQ_POSTREMOVE(elm, field)
#endif

#define TAILQ_INIT(head) do { \
    (head)->tqh_first = TAILQ_END(head); \
    (head)->tqh_last = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_HEAD((head), (elm), field) \
    if (((elm)->field.tqe_next = (head)->tqh_first) != TAILQ_END(head)) \
        (head)->tqh_first->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
    (head)->tqh_first = (elm); \
    (elm)->field.tqe_prev = &(head)->tqh_first; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_TAIL(head, \
    elm, field) do { \
    QUEUEDEBUG_TAILQ_INSERT_TAIL((head), (elm), field) \
    (elm)->field.tqe_next = TAILQ_END(head); \

```

```

(elm)->field.tqe_prev = (head)->tqh_last; \
*(head)->tqh_last = (elm); \
(head)->tqh_last = &(elm)->field.tqe_next; \
} while (/*CONSTCOND*/0)

#define TAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBBUG_TAILQ_OP((listelm), field) \
    if (((elm)->field.tqe_next = (listelm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            &(elm)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm)->field.tqe_next; \
        (listelm)->field.tqe_next = (elm); \
        (elm)->field.tqe_prev = &(listelm)->field.tqe_next; \
    } while (/*CONSTCOND*/0)

#define TAILQ_INSERT_BEFORE(listelm, elm, field) do { \
    QUEUEDEBBUG_TAILQ_OP((listelm), field) \
    (elm)->field.tqe_prev = (listelm)->field.tqe_prev; \
    (elm)->field.tqe_next = (listelm); \
    *(listelm)->field.tqe_prev = (elm); \
    (listelm)->field.tqe_prev \
    = &(elm)->field.tqe_next; \
    } while (/*CONSTCOND*/0)

#define TAILQ_REMOVE(head, elm, field) do { \
    QUEUEDEBBUG_TAILQ_PREREMOVE((head), (elm), field) \
    QUEUEDEBBUG_TAILQ_OP((elm), field) \
    if (((elm)->field.tqe_next != TAILQ_END(head)) \
        (elm)->field.tqe_next->field.tqe_prev = \
            (elm)->field.tqe_prev; \
    else \
        (head)->tqh_last = (elm)->field.tqe_prev; \
        *(elm)->field.tqe_prev = (elm)->field.tqe_next; \
        QUEUEDEBBUG_TAILQ_POSTREMOVE((elm), field); \
    } while (/*CONSTCOND*/0)

#define TAILQ_REPLACE(head, elm, elm2, field) do { \
    if (((elm2)->field.tqe_next = (elm)->field.tqe_next) != \
        TAILQ_END(head)) \
        (elm2)->field.tqe_next->field.tqe_prev = \
            &(elm2)->field.tqe_next; \
    else \
        (head)->tqh_last = &(elm2)->field.tqe_next; \
        (elm2)->field.tqe_prev = (elm)->field.tqe_prev; \
        *(elm2)->field.tqe_prev = (elm2); \
    QUEUEDEBBUG_TAILQ_POSTREMOVE((elm),

```

```

    field); \
} while (/*CONSTCOND*/0)

#define TAILQ_CONCAT(head1, head2, field) do { \
    if (!TAILQ_EMPTY(head2)) { \
        *(head1)->tqh_last = (head2)->tqh_first; \
        (head2)->tqh_first->field.tqe_prev = (head1)->tqh_last; \
        (head1)->tqh_last = (head2)->tqh_last; \
        TAILQ_INIT((head2)); \
    } \
} while (/*CONSTCOND*/0)

/*
 * Singly-linked Tail queue declarations.
 */
#define STAILQ_HEAD(name, type) \
struct name { \
    struct type *stqh_first; /* first element */ \
    struct type **stqh_last; /* addr of last next element */ \
}

#define STAILQ_HEAD_INITIALIZER(head) \
{ NULL, &(head).stqh_first }

#define STAILQ_ENTRY(type) \
struct { \
    struct type *stqe_next; /* next element */ \
}

/*
 * Singly-linked Tail queue access methods.
 */
#define STAILQ_FIRST(head) ((head)->stqh_first)
#define STAILQ_END(head) NULL
#define STAILQ_NEXT(elm, field) ((elm)->field.stqe_next)
#define STAILQ_EMPTY(head) (STAILQ_FIRST(head) \
    == STAILQ_END(head))

/*
 * Singly-linked Tail queue functions.
 */
#define STAILQ_INIT(head) do { \
    (head)->stqh_first = NULL; \
    (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_HEAD(head, elm, field) do { \
    if (((elm)->field.stqe_next = (head)->stqh_first) == NULL) \

```

```

(head)->stqh_last = &(elm)->field.stqe_next; \
(head)->stqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_TAIL(head, elm, field) do { \
    (elm)->field.stqe_next = NULL; \
    *(head)->stqh_last = (elm); \
    (head)->stqh_last = &(elm)->field.stqe_next; \
} while (/*CONSTCOND*/0)

#define STAILQ_INSERT_AFTER(head, listelm, elm, field) do { \
    if (((elm)->field.stqe_next = (listelm)->field.stqe_next) == NULL)\
        (head)->stqh_last = &(elm)->field.stqe_next; \
    (listelm)->field.stqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE_HEAD(head, field) do { \
    if (((head)->stqh_first = (head)->stqh_first->field.stqe_next) \
        == NULL) \
        (head)->stqh_last = &(head)->stqh_first; \
} while (/*CONSTCOND*/0)

#define STAILQ_REMOVE(head, elm, type, field) do { \
    if ((head)->stqh_first == (elm)) { \
        STAILQ_REMOVE_HEAD((head), field); \
    } else { \
        struct type *curelm = (head)->stqh_first; \
        while (curelm->field.stqe_next != (elm)) \
            curelm = curelm->field.stqe_next; \
        if ((curelm->field.stqe_next = \
            curelm->field.stqe_next->field.stqe_next) == NULL) \
            (head)->stqh_last = &(curelm)->field.stqe_next; \
    } \
} while (/*CONSTCOND*/0)

#define STAILQ_FOREACH(var, head, field) \
    for ((var) = ((head)->stqh_first); \
        (var); \
        (var) = ((var)->field.stqe_next))

#define STAILQ_FOREACH_SAFE(var, head, field, tvar) \
    for ((var) = STAILQ_FIRST((head)); \
        (var) && ((tvar) = STAILQ_NEXT((var), field), 1); \
        (var) = (tvar))

#define STAILQ_CONCAT(head1, head2) do { \
    if (!STAILQ_EMPTY((head2))) { \
        *(head1)->stqh_last

```

```

= (head2)->stqh_first; \
(head1)->stqh_last = (head2)->stqh_last; \
STAILQ_INIT((head2)); \
} \
} while (/*CONSTCOND*/0)

#define STAILQ_LAST(head, type, field) \
(STAILQ_EMPTY((head)) ? \
NULL : \
((struct type *) (void *) \
((char *)((head)->stqh_last) - offsetof(struct type, field))))

#ifndef _KERNEL
/*
 * Circular queue definitions. Do not use. We still keep the macros
 * for compatibility but because of pointer aliasing issues their use
 * is discouraged!
 */

/*
 * __launder_type(): We use this ugly hack to work around the the compiler
 * noticing that two types may not alias each other and elide tests in code.
 * We hit this in the CIRCLEQ macros when comparing 'struct name *' and
 * 'struct type *' (see CIRCLEQ_HEAD()). Modern compilers (such as GCC
 * 4.8) declare these comparisons as always false, causing the code to
 * not run as designed.
 *
 * This hack is only to be used for comparisons and thus can be fully const.
 * Do not use for assignment.
 *
 * If we ever choose to change the ABI of the CIRCLEQ macros, we could fix
 * this by changing the head/tail sentinel values, but see the note above
 * this one.
 */
static __inline const void * __launder_type(const void *);
static __inline const void *
__launder_type(const void *__x)
{
    __asm __volatile("" : "+r" (__x));
    return __x;
}

#if defined(QUEUEDEBUG)
#define QUEUEDEBUG_CIRCLEQ_HEAD(head, field) \
if ((head)->cqh_first != CIRCLEQ_ENDC(head) && \
(head)->cqh_first->field.cqe_prev != CIRCLEQ_ENDC(head)) \
QUEUEDEBUG_ABORT("CIRCLEQ head forw %p %s:%d", (head), \

```



```

    __FILE__, __LINE__); \
if ((head)->cqh_last != CIRCLEQ_ENDC(head) && \
    (head)->cqh_last->field.cqe_next != CIRCLEQ_ENDC(head)) \
    QUEUEDEBDEBUG_ABORT("CIRCLEQ head back %p %s:%d", (head), \
        __FILE__, __LINE__);
#define QUEUEDEBDEBUG_CIRCLEQ_ELM(head, elm, field) \
if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_last != (elm)) \
        QUEUEDEBDEBUG_ABORT("CIRCLEQ \
elm last %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_next->field.cqe_prev != (elm)) \
        QUEUEDEBDEBUG_ABORT("CIRCLEQ elm forw %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} \
if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) { \
    if ((head)->cqh_first != (elm)) \
        QUEUEDEBDEBUG_ABORT("CIRCLEQ elm first %p %s:%d", \
            (elm), __FILE__, __LINE__); \
} else { \
    if ((elm)->field.cqe_prev->field.cqe_next != (elm)) \
        QUEUEDEBDEBUG_ABORT("CIRCLEQ elm prev %p %s:%d", \
            (elm), __FILE__, __LINE__); \
}
#define QUEUEDEBDEBUG_CIRCLEQ_POSTREMOVE(elm, field) \
(elm)->field.cqe_next = (void *)1L; \
(elm)->field.cqe_prev = (void *)1L;
#else
#define QUEUEDEBDEBUG_CIRCLEQ_HEAD(head, field)
#define QUEUEDEBDEBUG_CIRCLEQ_ELM(head, elm, field)
#define QUEUEDEBDEBUG_CIRCLEQ_POSTREMOVE(elm, field)
#endif

#define CIRCLEQ_HEAD(name, type) \
struct name { \
    struct type *cqh_first; /* \
first element */ \
    struct type *cqh_last; /* last element */ \
}

#define CIRCLEQ_HEAD_INITIALIZER(head) \
{ CIRCLEQ_END(&head), CIRCLEQ_END(&head) }

#define CIRCLEQ_ENTRY(type) \
struct { \
    struct type *cqe_next; /* next element */ \
    struct type *cqe_prev; /* previous element */ \
}

```

```

}

/*
 * Circular queue functions.
 */
#define CIRCLEQ_INIT(head) do { \
    (head)->cqh_first = CIRCLEQ_END(head); \
    (head)->cqh_last = CIRCLEQ_END(head); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_AFTER(head, listelm, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm)->field.cqe_next; \
    (elm)->field.cqe_prev = (listelm); \
    if ((listelm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (listelm)->field.cqe_next->field.cqe_prev = (elm); \
    (listelm)->field.cqe_next = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_BEFORE(head, \
    listelm, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBDEBUG_CIRCLEQ_ELM((head), (listelm), field) \
    (elm)->field.cqe_next = (listelm); \
    (elm)->field.cqe_prev = (listelm)->field.cqe_prev; \
    if ((listelm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm); \
    else \
        (listelm)->field.cqe_prev->field.cqe_next = (elm); \
    (listelm)->field.cqe_prev = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_HEAD(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \
    (elm)->field.cqe_next = (head)->cqh_first; \
    (elm)->field.cqe_prev = CIRCLEQ_END(head); \
    if ((head)->cqh_last == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm); \
    else \
        (head)->cqh_first->field.cqe_prev = (elm); \
    (head)->cqh_first = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_INSERT_TAIL(head, elm, field) do { \
    QUEUEDEBDEBUG_CIRCLEQ_HEAD((head), field) \

```

```

(elm)->field.cqe_next
= CIRCLEQ_END(head); \
(elm)->field.cqe_prev = (head)->cqh_last; \
if ((head)->cqh_first == CIRCLEQ_ENDC(head)) \
    (head)->cqh_first = (elm); \
else \
    (head)->cqh_last->field.cqe_next = (elm); \
    (head)->cqh_last = (elm); \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_REMOVE(head, elm, field) do { \
    QUEUEDEBUG_CIRCLEQ_HEAD((head), field) \
    QUEUEDEBUG_CIRCLEQ_ELM((head), (elm), field) \
    if ((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
        (head)->cqh_last = (elm)->field.cqe_prev; \
    else \
        (elm)->field.cqe_next->field.cqe_prev = \
            (elm)->field.cqe_prev; \
    if ((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
        (head)->cqh_first = (elm)->field.cqe_next; \
    else \
        (elm)->field.cqe_prev->field.cqe_next = \
            (elm)->field.cqe_next; \
    QUEUEDEBUG_CIRCLEQ_POSTREMOVE((elm), field) \
} while (/*CONSTCOND*/0)

#define CIRCLEQ_FOREACH(var, head, field) \
    for ((var) = ((head)->cqh_first); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) \
        = ((var)->field.cqe_next))

#define CIRCLEQ_FOREACH_REVERSE(var, head, field) \
    for ((var) = ((head)->cqh_last); \
        (var) != CIRCLEQ_ENDC(head); \
        (var) = ((var)->field.cqe_prev))

/*
 * Circular queue access methods.
 */

#define CIRCLEQ_FIRST(head) ((head)->cqh_first)
#define CIRCLEQ_LAST(head) ((head)->cqh_last)
/* For comparisons */
#define CIRCLEQ_ENDC(head) (__launter_type(head))
/* For assignments */
#define CIRCLEQ_END(head) ((void *)(head))
#define CIRCLEQ_NEXT(elm, field) ((elm)->field.cqe_next)
#define CIRCLEQ_PREV(elm, field) ((elm)->field.cqe_prev)

```

```

#define CIRCLEQ_EMPTY(head) \
    (CIRCLEQ_FIRST(head) == CIRCLEQ_ENDC(head))

#define CIRCLEQ_LOOP_NEXT(head, elm, field) \
    (((elm)->field.cqe_next == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_first) \
     : (elm->field.cqe_next))
#define CIRCLEQ_LOOP_PREV(head, elm, field) \
    (((elm)->field.cqe_prev == CIRCLEQ_ENDC(head)) \
     ? ((head)->cqh_last) \
     : \
     (elm->field.cqe_prev))
#endif /* !_KERNEL */

#endif /* !_SYS_QUEUE_H_ */
#ifndef _SYS_CDEFS_H_
#define _SYS_CDEFS_H_

#warning usage of non-standard #include <sys/cdefs.h> is deprecated

#undef __P
#undef __PMT

#define __P(args) args
#define __PMT(args) args

#define __CONCAT(x,y) x ## y
#define __STRING(x) #x

#ifdef __cplusplus
# define __BEGIN_DECLS extern "C" {
# define __END_DECLS }
#else
# define __BEGIN_DECLS
# define __END_DECLS
#endif

#if defined(__GNUC__) && !defined(__cplusplus)
# define __THROW __attribute__((__nothrow__))
# define __NTH(fct) __attribute__((__nothrow__)) fct
#else
# define __THROW
# define __NTH(fct) fct
#endif

#endif /* _SYS_CDEFS_H_ */
# Contributor: Fabian Affolter <fabian@affolter-engineering.ch>
# Maintainer: Fabian Affolter <fabian@affolter-engineering.ch>

```

```

pkgname=py3-flake8-copyright
_pkgname=flake8-copyright
pkgver=0.2.4
pkgrel=3
pkgdesc="Extension for flake8 which checks for copyrights"
options="!check" # No testsuite
url="https://github.com/savoirfairelinux/flake8-copyright"
arch="noarch"
license="MIT"
depends="py3-flake8 py3-setuptools"
makedepends="py3-gpep517 py3-wheel"
subpackages="$pkgname-pyc"
source="https://files.pythonhosted.org/packages/source/${_pkgname:0:1}/${_pkgname}/${_pkgname}-${pkgver}.tar.gz"
builddir="$srcdir"/$_pkgname-$pkgver

replaces="py-flake8-copyright"          # Backwards compatibility
provides="py-flake8-copyright=$pkgver-r$pkgrel" # Backwards compatibility

build() {
    gpep517 build-wheel \
        --wheel-dir .dist \
        --output-fd 3 3>&1 >&2
}

package() {
    gpep517 install-wheel --destdir "$pkgdir" \
        .dist/*.whl
}

sha512sums="
a6ab47e1bb715618f075c51f398e18180404871b3b0faf1c2d30701d5203db6bc23771bf22ffb5bafcd8ee856b9b64237
b316bd503ae7dceed6ca284ccd5a74d
    flake8-copyright-0.2.4.tar.gz
"

#ifndef CONTRIBUTORS_INCLUDED
#define CONTRIBUTORS_INCLUDED

/* Copyright (c) 2006 MySQL AB, 2009 Sun Microsystems, Inc.
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   MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
   GNU General Public License for more details.

```

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along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1335 USA */

/* Structure of the name list */

```
struct show_table_contributors_st {  
    const char *name;  
    const char *location;  
    const char *comment;  
};
```

/*

Output from "SHOW CONTRIBUTORS"

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

*/

```
struct show_table_contributors_st show_table_contributors[] = {  
    /* MariaDB Foundation sponsors, alphabetical by tier */  
    {"Amazon", "https://www.amazon.com/", "Diamond Sponsor of the MariaDB Foundation"},  
    {"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"Alibaba Cloud", "https://www.alibabacloud.com/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"Constructor", "https://www.constructor.org/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"Development Bank of Singapore", "https://www.dbs.com/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"Intel", "https://www.intel.com/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"MariaDB plc", "https://mariadb.com/", "Founding member, Platinum Sponsor of the MariaDB Foundation"},  
    {"ServiceNow", "https://servicenow.com/", "Platinum Sponsor  
of the MariaDB Foundation"},  
    {"WebPros", "https://webpros.com/", "Platinum Sponsor of the MariaDB Foundation"},  
    {"IBM", "https://www.ibm.com/", "Gold Sponsor of the MariaDB Foundation"},  
    {"IONOS", "https://www.ionos.com/", "Gold Sponsor of the MariaDB Foundation"},  
    {"Automatic", "https://automatic.com/", "Silver Sponsor of the MariaDB Foundation"},  
    {"SkySQL", "https://skysql.com/", "Silver Sponsor of the MariaDB Foundation"},  
    {"team.blue", "https://team.blue/", "Silver Sponsor of the MariaDB Foundation"},  
    {"Tencent Cloud", "https://cloud.tencent.com/", "Silver Sponsor of the MariaDB Foundation"},  
    {"Wikimedia Foundation", "https://www.wikimediafoundation.org/", "Silver Sponsor of the MariaDB  
Foundation"},  
    {"Cyber Leo", "https://cyberleo.com/", "Bronze Sponsor of the MariaDB Foundation"},  
    {"Hetzner", "https://www.hetzner.com/", "Bronze Sponsor of the MariaDB Foundation"},  
    {"Rumahweb", "https://rumahweb.com/", "Bronze Sponsor of the MariaDB Foundation"},  
    {"Tasjeel.ae",
```

```

"https://tasjeel.ae/", "Bronze Sponsor of the MariaDB Foundation"},
{"Galera Cluster", "https://galeracluster.com/", "Sponsor of the MariaDB Foundation"},
{"Percona", "https://www.percona.com/", "Sponsor of the MariaDB Foundation"},
{"Vettabase", "https://vettabase.com/", "Technology partner of the MariaDB Foundation"},
{"Booking.com", "", "Previous Sponsor of the MariaDB Foundation"},
{"Jelastic.com", "", "Previous Sponsor of the MariaDB Foundation"},
{"Microsoft", "", "Previous Sponsor of the MariaDB Foundation"},
{"Nexedi", "", "Previous Sponsor of the MariaDB Foundation"},
{"Open Query", "", "Previous Sponsor of the MariaDB Foundation"},
{"Planeetta Web Hosting", "", "Previous Sponsor of the MariaDB Foundation"},
{"SpringbokSQL", "", "Previous Sponsor of the MariaDB Foundation"},
{"Tencent Games", "", "Previous Sponsor of the MariaDB Foundation"},
{"Tencent Game DBA", "", "Previous Sponsor of the MariaDB Foundation"},
{"Tencent TDSQL", "", "Previous
Sponsor of the MariaDB Foundation"},
{"Verkkokauppa", "", "Previous Sponsor of the MariaDB Foundation"},
{"Virtuozzo", "", "Previous Sponsor of the MariaDB Foundation"},
{"Visma", "", "Previous Sponsor of the MariaDB Foundation"},
{"Webyog", "", "Previous Sponsor of the MariaDB Foundation"},

/* Sponsors of important features */
{"Google", "USA", "Sponsoring encryption, parallel replication and GTID"},
{"Facebook", "USA", "Sponsoring non-blocking API, LIMIT ROWS EXAMINED etc"},

/* Individual contributors, names in historical order, newer first */
{"Ronald Bradford", "Brisbane, Australia", "EFF contribution for UC2006 Auction"},
{"Sheeri Kritzer", "Boston, Mass. USA", "EFF contribution for UC2006 Auction"},
{"Mark Shuttleworth", "London, UK.", "EFF contribution for UC2006 Auction"},
{NULL, NULL, NULL}
};

#endif /* CONTRIBUTORS_INCLUDED */
# Maintainer: fossdd <fossdd@pwned.life>
pkgname=cargo-license
pkgver=0.6.1
pkgrel=1
pkgdesc="Cargo subcommand to see license of dependencies"
url="https://github.com/onur/cargo-license"
arch="all"
license="MIT"
makedepends="cargo cargo-auditable"
source="$pkgname-$pkgver.tar.gz::https://crates.io/api/v1/crates/cargo-license/$pkgver/download"

prepare() {
    default_prepare

    cargo fetch --target="$CTARGET" --locked
}

```

```
build() {  
  cargo auditable build --release --frozen  
}
```

```
check() {  
  cargo test --frozen  
}
```

```
package() {  
  install -Dm755 target/release/cargo-license -t "$pkgdir"/usr/bin  
}
```

```
sha512sums="  
36215145e79965be090ae2f5ce6f5eb208465eb67a94c26bed1fe70a131c46c6dc35695e30852759b7366883fbc3caf00  
272d796ac634f0a5e1d49232b6b29d5  cargo-license-0.6.1.tar.gz  
"
```

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Version 2.1, February 1999

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1.272 mariadb-client 11.4.5-r2

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The hypothetical commands `show
w' and `show c' should show the appropriate
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'Gnomovision' (which makes passes at compilers) written by James Hacker.

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```
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#define CONTRIBUTORS_INCLUDED
```

```
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```

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Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1335 USA */

```
/* Structure of the name list */
```

```
struct show_table_contributors_st {
```

```
const char *name;
const char *location;
const char *comment;
};
```

```
/*
```

Output from "SHOW CONTRIBUTORS"

Get permission before editing.

Names should be encoded using UTF-8.

See also <https://mariadb.com/kb/en/log-of-mariadb-contributions/>

```
*/
```

```
struct show_table_contributors_st show_table_contributors[] = {
/* MariaDB Foundation sponsors, alphabetical by tier */
{"Amazon", "https://www.amazon.com/", "Diamond Sponsor of the MariaDB Foundation"},
{"Acronis", "https://www.acronis.com/", "Platinum Sponsor of the MariaDB Foundation"},
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Version 2.1, February 1999

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```

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```
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```

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

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1.276 zstd 1.5.5

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1.279 rocksdbjni 10.2.1

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```

Found in path(s):

```
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```

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/**
```

```
* <p>Base class for slices which will receive  
* byte[] based access to the underlying data.</p>  
*  
* <p>byte[] backed slices typically perform better with  
* small keys and values. When using larger keys and  
* values consider using {@link org.rocksdb.DirectSlice}</p>  
*/
```

Found in path(s):

```
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Slice.java
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- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/HistogramData.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionOptionsFIFO.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TtlDB.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Options.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/StdErrLogger.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/StatisticsCollector.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionOptionsUniversal.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/BloomFilter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/LRUCache.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractRocksIterator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/FilterPolicyType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MemTableConfig.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WriteStallCondition.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractWriteBatch.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/HistogramType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SstPartitionerFixedPrefixFactory.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TransactionOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/BackupEngine.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksEnv.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AdvancedMutableColumnFamilyOptionsInterface.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WalFileType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ColumnFamilyOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TransactionalOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Experimental.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/BackupInfo.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksIteratorInterface.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WalFilter.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ReadTier.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/LevelMetaData.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/IndexShorteningMode.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MemoryUtil.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RateLimiterMode.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TableFileDeletionInfo.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksDBException.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/DataBlockIndexType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompressionOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/FlushJobInfo.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionJobInfo.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TraceWriter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SstPartitionerFactory.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractWalFilter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ColumnFamilyDescriptor.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ThreadType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/EncodingType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksObject.java

- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WALRecoveryMode.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Logger.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/IntComparator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ChecksumType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/BuiltinComparator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SstFileWriter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/EnvOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Snapshot.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/StateType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WriteOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/KeyMayExist.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MutableDBOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SstFileReaderIterator.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Range.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/ReverseBytewiseComparator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TransactionDBOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ClockCache.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TransactionalDB.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SstFileManager.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/OperationType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WriteBatchInterface.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/BlockBasedTableConfig.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/OperationStage.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/DbPath.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ReusedSynchronisationType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RemoveEmptyValueCompactionFilter.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MemTableInfo.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractEventListener.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WriteBufferManager.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/IngestExternalFileOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WriteBatchWithIndex.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ColumnFamilyHandle.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/FlushReason.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionPriority.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/EventListener.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ColumnFamilyOptionsInterface.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/PersistentCache.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/BytewiseComparator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RestoreOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksCallbackObject.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/FileOperationInfo.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/OptionsUtil.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/NativeComparatorWrapper.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ComparatorType.java

- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Cache.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/StatisticsCollectorCallback.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TimedEnv.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Env.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TraceOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractCompactionFilter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractTransactionNotifier.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksIterator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/OptimisticTransactionOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SstFileReader.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionReason.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ColumnFamilyMetaData.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WalProcessingOption.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MemoryUsageType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ComparatorOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Filter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/FlushOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WBWI RocksIterator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/IndexType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionJobStats.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/SizeUnit.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SstFileMetaData.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TableFileCreationInfo.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/OptionString.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Priority.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractComparator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/LogFile.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksMemEnv.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractComparatorJniBridge.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/LiveFileMetaData.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TransactionDB.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/PlainTableConfig.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactRangeOptions.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MutableColumnFamilyOptionsInterface.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/OptimisticTransactionDB.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/DBOptionsInterface.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionStyle.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksDB.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WriteBatch.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompressionType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractTraceWriter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TableFormatConfig.java
- *
- /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Status.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Checkpoint.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ExternalFileIngestionInfo.java

```

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MutableColumnFamilyOptions.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/StatsCollectorInput.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TableFileCreationReason.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractCompactionFilterFactory.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/WriteStallInfo.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/BackupEngineOptions.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/DBOptions.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/BackgroundErrorReason.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Transaction.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TxnDBWritePolicy.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AdvancedColumnFamilyOptionsInterface.java
*

```

```

/rocksdbjni-10-2-1-sources-jar/org/rocksdb/TableFileCreationBriefInfo.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ThreadStatus.java

```

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/**
* Sets the stats level.
*
* @param statsLevel The stats level to set.
*/

```

Found in path(s):

```

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Statistics.java

```

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```

Found in path(s):

```

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/GetStatus.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ConcurrentTaskLimiter.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ImportColumnFamilyOptions.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ByteBufferGetStatus.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TablePropertiesCollectorFactory.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/ByteUtil.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SanityLevel.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/HyperClockCache.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ExportImportFilesMetaData.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/PerfContext.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/PerfLevel.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/PrepopulateBlobCache.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ConfigOptions.java
*

```

```

/rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/BufferUtil.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ConcurrentTaskLimiterImpl.java

```

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```

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- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/StringAppendOperator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MergeOperator.java

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```

Found in path(s):

- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/LoggerType.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractImmutableNativeReference.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/LoggerInterface.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractNativeReference.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/RocksMutableObject.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/Holder.java

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/**
```

```
    * Get StatsLevel by byte value.  
    *  
    * @param value byte representation of StatsLevel.  
    *  
    * @return {@link org.rocksdb.StatsLevel} instance.  
    * @throws java.lang.IllegalArgumentException if an invalid  
    *     value is provided.  
    */
```

Found in path(s):

- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/StatsLevel.java

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```

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- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SkipListMemTableConfig.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/VectorMemTableConfig.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TransactionLogIterator.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/HashSkipListMemTableConfig.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TableFilter.java
- * /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MutableDBOptionsInterface.java

```

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MutableOptionKey.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractMutableOptions.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/MutableOptionValue.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/SizeApproximationFlag.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/InfoLogLevel.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CompactionStopStyle.java
*
/rocksdbjni-10-2-1-sources-jar/org/rocksdb/NativeLibraryLoader.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractTableFilter.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TableProperties.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/util/Environment.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/HashLinkedListMemTableConfig.java
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```

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CassandraValueMergeOperator.java
* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/CassandraCompactionFilter.java
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```

```

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/**

```

```

* Slices are used by RocksDB to provide
* efficient access to keys and values.
* <p>
* This class is package private, implementers
* should extend either of the public abstract classes:
* @see org.rocksdb.Slice
* @see org.rocksdb.DirectSlice
*
* Regards the lifecycle of Java Slices in RocksDB:
* At present when you configure a Comparator from Java, it creates an
* instance of a C++ BaseComparatorJniCallback subclass and
* passes that to RocksDB as the comparator. That subclass of
* BaseComparatorJniCallback creates the Java
* @see org.rocksdb.AbstractSlice subclass Objects. When you dispose
* the Java @see org.rocksdb.AbstractComparator subclass, it disposes the
* C++ BaseComparatorJniCallback subclass, which in turn destroys the
* Java @see org.rocksdb.AbstractSlice
subclass Objects.
*/
/**
* Returns the data of the slice.
*
* @return The slice data. Note, the type of access is

```

```

* determined by the subclass
* @see org.rocksdb.AbstractSlice#data0(long)
*/
/**
* If other is a slice object, then
* we defer to {@link #compare(AbstractSlice) compare}
* to check equality, otherwise we return false.
*
* @param other Object to test for equality
*
* @return true when {@code this.compare(other) == 0},
* false otherwise.
*/

```

Found in path(s):

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/AbstractSlice.java

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```

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/**
* The wait time for db mutex.
*
* Disabled by default. To enable it set stats level to {@link StatsLevel#ALL}
*/

```

Found in path(s):

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/TickerType.java

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/**
* Timestamp of operation. Read should return the latest data visible to the
* specified timestamp. All timestamps of the same database must be of the
* same length and format. The user is responsible for providing a customized
* compare function via Comparator to order {@code <key, timestamp>} tuples.
* For iterator, {@code iter_start_ts} is the lower bound (older) and timestamp
* serves as the upper bound. Versions of the same record that fall in
* the timestamp range will be returned. If iter_start_ts is nullptr,
* only the most recent version visible to timestamp is returned.
* The user-specified timestamp feature is still under active development,
* and the API is subject to change.
* <p>
* Default: null
* @see #setIterStartTs(AbstractSlice)
* @param timestamp Slice representing the timestamp
* @return the reference to the current ReadOptions.

```

*/

Found in path(s):

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/ReadOptions.java

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/**

* Called from JNI to construct a new Java DirectSlice

* without an underlying C++ object set

* at creation time.

* <p>

* Note: You should be aware that it is intentionally marked as

* package-private. This is so that developers cannot construct their own

* default DirectSlice objects (at present). As developers cannot construct

* their own DirectSlice objects through this, they are not creating

* underlying C++ DirectSlice objects, and so there is nothing to free

* (dispose) from Java.

*/

Found in path(s):

* /rocksdbjni-10-2-1-sources-jar/org/rocksdb/DirectSlice.java

1.280 jetty-client 12.0.13

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* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ByteBufferRequestContent.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Socks5.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/BufferingResponseListener.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Request.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/internal/HttpReceiverOverHTTP.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/HttpRequestException.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/AbstractHttpClientTransport.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/SPNEGOAuthentication.java

*

/jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/EarlyHintsProtocolHandler.java

* /jetty-client-12-0-13-sources-2-jar/module-info.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpRequest.java

* /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/WWWAuthenticationProtocolHandler.java

- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/OutputStreamRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/PathRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ContentResponse.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/AuthenticationProtocolHandler.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpClientTransportDynamic.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/AbstractConnectorHttpClientTransport.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/internal/HttpConnectionOverHTTP.java
- *
- /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpSender.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Connection.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/HttpClientTransport.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/internal/HttpChannelOverHTTP.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/internal/HttpSenderOverHTTP.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ProxyConfiguration.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/BytesRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpChannel.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/HttpClient.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/MultiplexConnectionPool.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/jmx/HttpClientMBean.java
- *
- /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ValidatingConnectionPool.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ProxyAuthenticationProtocolHandler.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpExchange.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpConversation.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ConnectionPool.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/StringRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpReceiver.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpConnection.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/HttpResponseException.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/AuthenticationStore.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Response.java
- *
- /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/DigestAuthentication.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/HttpRedirector.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Socks5Proxy.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/GZIPContentDecoder.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/internal/HttpAuthenticationStore.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpDestination.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/HttpUpgrader.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ProtocolHandler.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/internal/HttpContentResponse.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ContinueProtocolHandler.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/RequestListeners.java
- *
- /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/internal/ProtocolHttpUpgrader.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpResponse.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpClientConnectionFactory.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/IConnection.java

- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/SendFailure.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/UpgradeProtocolHandler.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/AbstractConnectionPool.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/HttpClientTransportOverHTTP.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/FormRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/MultiPartRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ContentDecoder.java
- *
- /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/AbstractAuthentication.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/AsyncRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Result.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ProtocolHandlers.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Socks4Proxy.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/InputStreamResponseListener.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/CompletableResponseListener.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/HttpProxy.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/BasicAuthentication.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Authentication.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Origin.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/internal/TunnelRequest.java
- *
- /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ProcessingProtocolHandler.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/RedirectProtocolHandler.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/Destination.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/RandomConnectionPool.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ProxyProtocolClientConnectionFactory.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/transport/ResponseListeners.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/FutureResponseListener.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/InputStreamRequestContent.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/RoundRobinConnectionPool.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/internal/NotifyingRequestListeners.java
- *
- /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/DuplexConnectionPool.java
- * /jetty-client-12-0-13-sources-2-jar/org/eclipse/jetty/client/ContentSourceRequestContent.java

1.281 kafka-streams 3.9.1

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1.282 splunk-otel-javaagent 2.16.0

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**1** **Group:** `codes.rafael.asmjdkbridge` **Name:** `asm-jdk-bridge` **Version:** `0.0.9`
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**2** **Group:** `com.blogspot.mydailyjava` **Name:** `weak-lock-free` **Version:** `0.18`
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> - **POM Project URL:** [https://github.com/raphw/weak-lock-free](https://github.com/raphw/weak-lock-free)
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**3** **Group:** `com.fasterxml.jackson.core` **Name:** `jackson-annotations` **Version:** `2.19.0`
> - **Project URL:** [https://github.com/FasterXML/jackson](https://github.com/FasterXML/jackson)
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**4** **Group:** `com.fasterxml.jackson.core` **Name:** `jackson-core` **Version:** `2.19.0`
> - **Project URL:** [https://github.com/FasterXML/jackson-core](https://github.com/FasterXML/jackson-core)
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**5** **Group:** `com.fasterxml.jackson.core`
**Name:** `jackson-databind` **Version:** `2.19.0`
> - **Project URL:** [https://github.com/FasterXML/jackson](https://github.com/FasterXML/jackson)
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**6** **Group:** `com.fasterxml.jackson.dataformat` **Name:** `jackson-dataformat-yaml` **Version:** `2.19.0`
> - **Project URL:** [https://github.com/FasterXML/jackson-dataformats-text](https://github.com/FasterXML/jackson-dataformats-text)
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**7** **Group:** `com.google.cloud.opentelemetry` **Name:** `detector-resources-support` **Version:** `0.34.0`
> - **POM Project URL:** [https://github.com/GoogleCloudPlatform/opentelemetry-operations-java](https://github.com/GoogleCloudPlatform/opentelemetry-operations-java)
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**8** **Group:** `com.googlecode.concurrentlinkedhashmap` **Name:** `concurrentlinkedhashmap-lru`
**Version:** `1.4.2`
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> - **POM Project URL:**
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**9** **Group:** `com.squareup.okhttp3` **Name:** `okhttp` **Version:** `4.12.0`
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**10** **Group:** `com.squareup.okio` **Name:** `okio` **Version:** `3.11.0`
> - **POM Project URL:** [https://github.com/square/okio/](https://github.com/square/okio/)
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**11** **Group:** `com.squareup.okio`
**Name:** `okio-jvm` **Version:** `3.11.0`
> - **POM Project URL:** [https://github.com/square/okio/](https://github.com/square/okio/)
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**12** **Group:** `io.opentelemetry` **Name:** `opentelemetry-api` **Version:** `1.50.0`
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**13** **Group:** `io.opentelemetry` **Name:** `opentelemetry-api-incubator` **Version:** `1.50.0-alpha`
> - **POM Project URL:** [https://github.com/open-telemetry/opentelemetry-java](https://github.com/open-telemetry/opentelemetry-java)
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**14**
**Group:** `io.opentelemetry` **Name:** `opentelemetry-context` **Version:** `1.50.0`
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**15** **Group:** `io.opentelemetry` **Name:** `opentelemetry-exporter-common` **Version:** `1.50.0`
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**16** **Group:** `io.opentelemetry` **Name:** `opentelemetry-exporter-logging` **Version:** `1.50.0`
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****17**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-exporter-logging-otlp` ****Version****: `1.50.0`

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****18**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-exporter-otlp` ****Version****: `1.50.0`

> - ****POM Project URL****: https://github.com/open-telemetry/opentelemetry-java

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****19**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-exporter-otlp-common` ****Version****: `1.50.0`

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****20**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-exporter-prometheus` ****Version****: `1.50.0-alpha`

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****21**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-exporter-sender-okhttp` ****Version****: `1.50.0`

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**30** **Group:** `io.opentelemetry` **Name:** `opentelemetry-sdk-extension-jaeger-remote-sampler`
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**32** **Group:** `io.opentelemetry` **Name:** `opentelemetry-sdk-metrics` **Version:** `1.50.0`
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**33** **Group:** `io.opentelemetry` **Name:** `opentelemetry-sdk-trace` **Version:** `1.50.0`
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**34** **Group:** `io.opentelemetry.contrib` **Name:** `opentelemetry-aws-resources` **Version:** `1.46.0-alpha`
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**35**
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**36** **Group:** `io.opentelemetry.contrib` **Name:** `opentelemetry-azure-resources` **Version:** `1.46.0-alpha`
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**37** **Group:** `io.opentelemetry.contrib` **Name:** `opentelemetry-baggage-processor` **Version:** `1.46.0-alpha`
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****38**** ****Group:**** `io.opentelemetry.contrib` ****Name:**** `opentelemetry-cloudfoundry-resources` ****Version:**** `1.46.0-alpha`

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****39**** ****Group:**** `io.opentelemetry.contrib` ****Name:**** `opentelemetry-gcp-resources` ****Version:**** `1.46.0-alpha`

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****40**** ****Group:**** `io.opentelemetry.semconv` ****Name:**** `opentelemetry-semconv` ****Version:**** `1.32.0`

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****41**** ****Group:**** `io.opentelemetry.semconv` ****Name:**** `opentelemetry-semconv-incubating` ****Version:**** `1.32.0-alpha`

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****43**** ****Group:**** `io.prometheus` ****Name:**** `prometheus-metrics-exporter-common` ****Version:**** `1.3.6`

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47 **Group**: `io.prometheus` **Name**: `prometheus-metrics-model` **Version**: `1.3.6`

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49 **Group**: `io.zipkin.reporter2` **Name**: `zipkin-sender-okhttp3` **Version**: `3.5.0`

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52 **Group**: `org.jetbrains` **Name**: `annotations` **Version**: `13.0`

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****53**** ****Group:****

`org.jetbrains.kotlin` ****Name:**** **`kotlin-stdlib`** ****Version:**** **`2.1.20`**

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****54**** ****Group:**** **`org.jetbrains.kotlin`** ****Name:**** **`kotlin-stdlib-jdk7`** ****Version:**** **`2.1.20`**

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****59**** ****Group:**** **`org.ow2.asm`** ****Name:**** **`asm-tree`** ****Version:**** **`9.8`**

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**60** **Group**: `org.ow2.asm` **Name**: `asm-util` **Version**: `9.8`
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**61** **Group**: `org.snakeyaml` **Name**: `snakeyaml-engine` **Version**: `2.9`
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**62** **Group**: `org.yaml` **Name**: `snakeyaml` **Version**: `2.4`
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**63** **Group**: `org.slf4j` **Name**: `slf4j-api` **Version**: `2.0.17`
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**64** **Group**: `org.slf4j` **Name**: `slf4j-simple` **Version**: `2.0.17`
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**66** **Group:** `org.ow2.asm` **Name:** `asm-analysis` **Version:** `9.8`  
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**68**  
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**69** **Group:** `org.ow2.asm` **Name:** `asm-util` **Version:** `9.8`  
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This is a Java port of Daniel Lemire's fast_float project. This project provides parsers for double, float, BigDecimal and BigInteger values.

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```
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## Dependency License Report
_2025-05-16 12:41:17 EEST_
## Apache License, Version 2.0
```

```
**1** **Group:** `com.squareup.okhttp3` **Name:** `okhttp` **Version:** `4.12.0`
> - **POM Project URL:** [https://square.github.io/okhttp/](https://square.github.io/okhttp/)
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```

```
**2** **Group:** `com.squareup.okio` **Name:** `okio` **Version:** `3.6.0`
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**3** **Group:** `com.squareup.okio` **Name:** `okio-jvm` **Version:** `3.6.0`
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**4** **Group:** `io.opentelemetry` **Name:** `opentelemetry-api` **Version:** `1.50.0`
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**5** **Group:** `io.opentelemetry` **Name:** `opentelemetry-context` **Version:** `1.50.0`
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**6** **Group:** `io.opentelemetry` **Name:** `opentelemetry-exporter-common`
**Version:** `1.50.0`
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**7** **Group:** `io.opentelemetry` **Name:** `opentelemetry-exporter-otlp` **Version:** `1.50.0`
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**8** **Group:** `io.opentelemetry` **Name:** `opentelemetry-exporter-otlp-common` **Version:** `1.50.0`
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**Group:** `io.opentelemetry` **Name:** `opentelemetry-exporter-sender-okhttp` **Version:** `1.50.0`
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**10** **Group:** `io.opentelemetry` **Name:** `opentelemetry-sdk` **Version:** `1.50.0`
> - **POM Project URL:** [https://github.com/open-telemetry/opentelemetry-java](https://github.com/open-telemetry/opentelemetry-java)

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****11**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-sdk-common` ****Version****: `1.50.0`

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****12**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-sdk-extension-autoconfigure-spi` ****Version****: `1.50.0`

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****13**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-sdk-logs` ****Version****: `1.50.0`

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****Name****: `opentelemetry-sdk-metrics` ****Version****: `1.50.0`

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****15**** ****Group****: `io.opentelemetry` ****Name****: `opentelemetry-sdk-trace` ****Version****: `1.50.0`

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****25**** ****Group:**** `org.slf4j` ****Name:**** `jcl-over-slf4j` ****Version:**** `2.0.17`

```
> - **Project URL**: [http://www.slf4j.org](http://www.slf4j.org)
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**26** **Group**: `org.slf4j` **Name**: `jcl-over-slf4j` **Version**: `2.0.17`
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```
**27** **Group**: `org.slf4j` **Name**: `slf4j-api` **Version**: `2.0.17`
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```
**28** **Group**: `com.google.protobuf` **Name**: `protobuf-java` **Version**: `4.29.3`
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```
**29** **Group**: `org.owasp.encoder` **Name**: `encoder` **Version**: `1.2.3`
> - **Manifest Project URL**: [https://www.owasp.org/](https://www.owasp.org/)
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```
**30** **Group**: `org.openjdk.jmc` **Name**: `common` **Version**: `8.3.1`
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```
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```

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1.285 libcrypto3 3.5.1-r0

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