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1.335 python 3.10.5-r0
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1.367 libproc 3.3.17-r1
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1.373 webencodings 0.5.1
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1.375 tenacity 8.0.1
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1.386 libldap-common 2.4.49+dfsg-2ubuntu1.9

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1.1 antlr 2.7.7

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Partially supported by University of San Francisco & jGuru.com

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completed.

The primary ANTLR guy:

Terence Parr
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1.2 libjpeg 6b

1.2.1 Notifications :

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

1.2.2 Available under license :

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

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

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

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

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

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

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

This file contains the following sections:

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

Other documentation files in the distribution are:

User documentation:
 install.doc How to configure and install the IJG software.

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

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

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

OVERVIEW
========

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

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

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to

perform conversion between JPEG and some other popular image file formats.
The library is intended to be reused in other applications.

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

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

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

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============

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must acknowledge somewhere in your documentation that
you've used the IJG code.

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These conditions apply to any software derived from or based on the IJG code,
not just to the unmodified library. If you use our work, you ought to
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ansi2knr.c is NOT covered by the above copyright and conditions, but instead
by the usual distribution terms of the Free Software Foundation; principally,
that you must include source code if you redistribute it. (See the file
ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part
of any program generated from the IJG code, this does not limit you more than
the foregoing paragraphs do.

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

It appears that the arithmetic coding option of the JPEG spec is covered by
patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic

coding cannot
legally be used without obtaining one or more licenses. For this reason, support for arithmetic coding has been removed from the free JPEG software. (Since arithmetic coding provides only a marginal gain over the unpatented Huffman mode, it is unlikely that very many implementations will support it.) So far as we are aware, there are no patent restrictions on the remaining code.

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

We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of CompuServe Incorporated. GIF(sm) is a Service Mark property of CompuServe Incorporated."

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 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
==========

Numerous viewing and image manipulation programs now support JPEG. (Quite a

few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

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

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

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

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

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

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether

SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

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

TO DO
=====

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

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

As always, speeding things up is of great interest.

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

1.3 commons-exec 1.3

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1.5 json-simple 1.1.1

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1.6 googleapis-common-protos 0.0.3

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Found in path(s):
* /googleapis-common-protos-0-0-3-sources-jar/google/rpc/status.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/logging/type/log_severity.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/consumer.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/log.proto
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* /googleapis-common-protos-0-0-3-sources-jar/google/rpc/code.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/label.proto
*
/googleapis-common-protos-0-0-3-sources-jar/google/api/backend.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/service.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/type/date.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/type/timeofday.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/context.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/metric.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/distribution.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/type/money.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/type/dayofweek.proto
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* /googleapis-common-protos-0-0-3-sources-jar/google/type/color.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/logging/type/http_request.proto
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* /googleapis-common-protos-0-0-3-sources-jar/google/api/control.proto
* /googleapis-common-protos-0-0-3-sources-jar/google/api/billing.proto

1.7 httpcomponents-client 4.5

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1.8 failureaccess 1.0.1

1.9 j2objc-annotations 1.3

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1.10 apr 1.6.5

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

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

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.
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1.11 testng 6.14.3

1.12 beanshell 2.0b6

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1.14 jakarta-persistence-api 2.2.3

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1.16 giflib 5.2.1

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1.17 python-certifi 2019.11.28

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(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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can be directly used with curl / libcurl / php_curl, or with
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@(#) $RCSfile: certdata.txt,v $
 $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $

1.18 distlib 0.3.0

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==========

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of
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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes

2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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1.20 zookeeper-jute 3.6.0

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1.22 mpdecimal 2.4.2-3

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1.27 gmp 6.2.0+dfsg-4

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libhcrypto

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D3DES (V5.09) -

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
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set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1

set style fill solid border -1
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1.41 grpc-netty-shaded 1.30.2

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1.44 jctools-core 3.1.0

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<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
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<groupId>org.jctools</groupId>
<version>3.1.0</version>

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 <dependency>
  <groupId>junit</groupId>
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  <artifactId>guava-testlib</artifactId>
  <version>${guava-testlib.version}</version>
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</dependencies>
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   <artifactId>maven-surefire-plugin</artifactId>
   <version>3.0.0-M3</version>
   <configuration>
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  </plugin>
  <plugin>
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   <artifactId>maven-bundle-plugin</artifactId>
   <version>4.2.1</version>
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   <configuration>
    <instructions>
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  <plugin>
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    </execution>
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   <groupId>org.apache.maven.plugins</groupId>
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   <version>3.1.1</version>
   <configuration>
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     <additionalOption>-Xdoclint:none</additionalOption>
    </additionalOptions>
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      <goal>jar</goal>
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  </plugin>
 </plugins>
</build>

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

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

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

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

<developers>
 <developer>
  <url>https://github.com/nitsanw</url>
 </developer>
 <developer>
  <url>https://github.com/mjpt777</url>
 </developer>
 <developer>
  <url>https://github.com/RichardWarburton</url>
 </developer>
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  <url>https://github.com/kay</url>
 </developer>
 <developer>
  <url>https://github.com/franz1981</url>
 </developer>
</developers>

<prerequisites>
 <maven>3.5.0</maven>
</prerequisites>

<properties>
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 <java.test.version>1.8</java.test.version>

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 <maven.compiler.target>${java.version}</maven.compiler.target>
 <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
 <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

 <hamcrest.version>1.3</hamcrest.version>
```

```
  <junit.version>4.12</junit.version>
  <guava-testlib.version>21.0</guava-testlib.version>
 </properties>
</project>
```

Found
in path(s):
* /jctools-core-3-1-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
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*/
```

Found in path(s):
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Ordering.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueueUtil.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java
*
 /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeJvmInfo.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpscLinkedQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/Preference.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SupportsIterator.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscGrowableArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseSpscLinkedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java
*
 /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpscAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpscLinkedAtomicQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpmcArrayQueue.java

* /jctools-core-3-1-0-sources-jar/org/jctools/maps/AbstractEntry.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddChunk.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeLongArrayAccess.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java
*
 /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashMap.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseMpscLinkedArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseLinkedQueue.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java
* /jctools-core-3-1-0-sources-jar/org/jctools/util/Pow2.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/queues/LinkedQueueNode.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpscUnboundedArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/util/PortableJvmInfo.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/maps/NonBlockingSetInt.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpscChunkedArrayQueue.java
*
 /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpscArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/QueueFactory.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/MpscArrayQueue.java
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* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/SpscGrowableAtomicArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/SpscGrowableArrayQueue.java
* /jctools-core-3-1-0-sources-jar/org/jctools/util/RangeUtil.java
* /jctools-core-3-1-0-sources-jar/org/jctools/queues/package-info.java

* /jctools-core-3-1-0-sources-jar/org/jctools/queues/BaseSpscLinkedArrayQueue.java

1.45 berkeley-db 5.3.28+dfsg1-0.6ubuntu2

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1.46 brotli 1.0.7-6ubuntu0.1

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1.47 free-type 2.10.4

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2006-Jan-27

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============

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#
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
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#
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src/pcf/pcf.h
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src/gzip/infblock.c
src/gzip/infblock.h
src/gzip/infcodes.c
src/gzip/infcodes.h
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src/gzip/inflate.c
src/gzip/inftrees.c
src/gzip/inftrees.h
src/gzip/infutil.c
src/gzip/infutil.h
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src/gzip/zutil.h
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1.48 idna 2.8

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

import io, sys
from setuptools import setup

def main():

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

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

  arguments = {
     'name': 'idna',
     'packages': ['idna'],
     'version': package_data['__version__'],
     'description': 'Internationalized Domain Names in Applications (IDNA)',
     'long_description': io.open("README.rst", encoding="UTF-8").read(),
     'author': 'Kim Davies',
     'author_email': 'kim@cynosure.com.au',
      'license': 'BSD-like',
     'url': 'https://github.com/kjd/idna',
     'classifiers': [
        'Development Status :: 5 - Production/Stable',
        'Intended Audience :: Developers',
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        'Programming Language :: Python :: 3.4',
        'Programming Language :: Python :: 3.5',
        'Programming Language :: Python :: 3.6',
        'Topic :: Internet :: Name Service (DNS)',
        'Topic :: Software Development :: Libraries :: Python Modules',
        'Topic :: Utilities',
     ],
     'python_requires': '>=2.7, !=3.0.*, !=3.1.*, !=3.2.*, !=3.3.*',
      'test_suite': 'tests',
  }

  setup(**arguments)

if __name__ == '__main__':
  main()

Found in path(s):
* /kjd-idna-v2-8-0-g1cdf175-1-tar-gz/kjd-idna-375dc46/setup.py
```

1.49 appdirs 1.4.3

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1.53 appdirs 1.4.4

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1.54 packaging 19.2

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1.55 nose 1.3.7

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The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the

libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

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

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

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

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

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of

running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent
of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must
itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this
function must
be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition,
mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the
Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy

from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

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

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

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply

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

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Accompany the
work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

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

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

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

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

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library

facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

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

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

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refrain entirely from distribution of the Library.

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

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to distribute software through any other system and a licensee cannot
impose that choice.

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but may differ in detail to address new problems or concerns.

Each
version is given a distinguishing version number. If the Library
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the Free Software Foundation. If the Library does not specify a
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FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

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

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

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

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
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This library is distributed in the hope that it will be useful,
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You should have received a copy of the GNU Library General Public
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Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston,
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Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary.
Here is a sample; alter the names:

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

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

That's all there is to it!

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Version 3, 29 June 2007

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The licenses for most software and other practical works are designed
to take away your freedom to share and change the works. By contrast,

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

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

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

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

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

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

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

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

TERMS AND CONDITIONS

0. Definitions.

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

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

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

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

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

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

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

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2)

tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

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

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

same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered
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Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed;
section 10
makes it unnecessary.

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

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

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

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you

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

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

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to
produce it from the Program, in the form of source code under the
terms of section 4, provided that you also meet all of these conditions:

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

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

c) You must license the entire work, as a whole, under this
License to anyone who comes into possession of a copy. This
License will therefore apply, along with any applicable section 7
additional terms, to the whole of the work, and all its parts,
regardless of how they are packaged. This License gives no
permission to license the work in any other way, but it does not
invalidate such permission if you have separately received it.

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

A compilation of a covered work with other separate and independent
works, which are not by their nature extensions of the covered work,
and which are not combined with it such as to form a larger program,
in or on a volume of a storage or distribution
medium, is called an
"aggregate" if the compilation and its resulting copyright are not
used to limit the access or legal rights of the compilation's users
beyond what the individual works permit. Inclusion of a covered work
in an aggregate does not cause this License to apply to the other

parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

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

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

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

e) Convey the object code using peer-to-peer transmission, provided

you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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1.62 mime-support 3.64ubuntu1

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1.63 kerberos 1.17-6ubuntu4.1

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1.64 lsb 11.1.0ubuntu2

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1.65 wheel 0.34.2-1

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1.66 libxcrypt 4.4.10-10ubuntu4

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1.67 sysv-init 2.96-2.1ubuntu1

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1.69 curator-client 5.1.0

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1.73 commons-logging 1.2

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```

1.76 hibernate-commons-annotations 5.1.2.Final

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1.77 classmate 1.5.1

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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

1.78 jakarta-validation-api 2.0.2

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* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Validator.java
* /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
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/GroupDefinitionException.java
* /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
*
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* /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
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Constraint.java

* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Valid.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/metadata/CrossParameterDescriptor.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ClockProvider.java
*
 /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Configuration.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ValidateOnExecution.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Size.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/PastOrPresent.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ConstraintViolationException.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/bootstrap/package-info.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/TraversableResolver.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/executable/ExecutableValidator.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/ValidationProviderResolver.java
* /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
*
 /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
*
 /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
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/AssertFalse.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Future.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMax.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Positive.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/NotEmpty.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/spi/ConfigurationState.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/Payload.java
*
 /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/DecimalMin.java
* /jakarta-validation-api-2-0-2-sources-3-jar/javax/validation/constraints/Past.java

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1.82 jcommander 1.72

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* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/DoubleConverter.java
*
 /jcommander-1-72-sources-2-jar/com/beust/jcommander/ResourceBundle.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/CharArrayConverter.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/ISO8601DateConverter.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/BaseConverter.java
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* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/BooleanConverter.java
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* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/NoConverter.java
*
 /jcommander-1-72-sources-2-jar/com/beust/jcommander/ParameterException.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/BigDecimalConverter.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/internal/Sets.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/IStringConverter.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/internal/Lists.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/defaultprovider/PropertyFileDefaultProvider.java
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* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/PathConverter.java
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* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/StringConverter.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/Parameter.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/IDefaultProvider.java
*
 /jcommander-1-72-sources-2-jar/com/beust/jcommander/ParametersDelegate.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/IStringConverterFactory.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/internal/DefaultConverterFactory.java
* /jcommander-1-72-sources-2-jar/com/beust/jcommander/converters/URIConverter.java
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* /jcommander-1-72-sources-2-jar/com/beust/jcommander/validators/PositiveInteger.java
*
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1.83 libcap-ng 0.7.9 2.1build1

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6b.

@item
Convey the object code by offering access from a designated place
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Corresponding Source in the same way through
 the same place at no
further charge. You need not require recipients to copy the

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1.87 e2fsprogs 1.45.5 2ubuntu1

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
 @echo " MKDIR pic"
 @mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
 $(MV) pic/$(BSD_LIB) .
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
```

```
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
```

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This is the Debian GNU/Linux prepackaged version of the translation
files of the EXT2 file system utilities. The EXT2 utilities were
written by Theodore Ts'o <tytso@mit.edu> and Remy Card
<card@masi.ibp.fr>.

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Index: tdbsa/tdb.c
===
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
 /*
-   Unix SMB/CIFS implementation.
+   trivial database library - standalone version

-   trivial database library - private includes
-
-   Copyright (C) Andrew Tridgell   2005
+   Copyright (C) Andrew Tridgell   1999-2005
+   Copyright (C) Jeremy Allison   2000-2006
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Gadi Oxman, August 1995

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This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

http://sourceforge.net/projects/e2fsprogs

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This package was put together by Yann Dirson <dirson@debian.org>,
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Description library. It is currently distributed together with the EXT2 file
system utilities, which are otherwise packaged as "e2fsprogs".

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1.88 findutils 4.7.0 1ubuntu1

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1.89 ncurses 6.2 0ubuntu2

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1.90 libffi 3.3 4

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1.91 libsemanage-common 3.0 1build2

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arch-tag: d4250e44-a0e0-4ee0-adb9-2bd74f6eeb27

1.92 coreutils 8.30 3ubuntu2

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1.94 dash 0.5.10.2 6

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1.95 mawk 1.3.4.20200120 2

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/* checkTag : validation tool for libzstd
* command :
* $ ./checkTag tag
* checkTag validates tags of following format : v[0-9].[0-9].[0-9]{any}
* The tag is then compared to zstd version number.
* They are compatible if first 3 digits are identical.
* Anything beyond that is free, and doesn't impact validation.
* Example : tag v1.8.1.2 is compatible with version 1.8.1
* When tag and version are not compatible, program exits with error code 1.
* When they are compatible, it exists with a code 0.
* checkTag is intended to be used in automated testing environment.
*/

1.100 fdisk 2.34.0

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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Thus, it is not the intent of this section to claim rights or contest

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

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

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate
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1.112 urllib3 1.25.8

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Contributions to the urllib3 project

Creator & Maintainer

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

Contributors

In chronological order:

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

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

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

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

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

* kennethreitz <me@kennethreitz.com>
 * Bugfixes, suggestions, Requests integration

* georgemarshall <https://github.com/georgemarshall>
 * Bugfixes, Improvements and Test
 coverage

* Thomas Kluyver <thomas@kluyver.me.uk>
 * Python 3 support

* brandon-rhodes <http://rhodesmill.org/brandon>
 * Design review, bugfixes, test coverage.

* studer <theo.studer@gmail.com>
 * IPv6 url support and test coverage

* Shivaram Lingamneni <slingamn@cs.stanford.edu>
 * Support for explicitly closing pooled connections

* hartator <hartator@gmail.com>
 * Corrected multipart behavior for params

* Thomas Weischuh <thomas@t-8ch.de>
 * Support for TLS SNI
 * API unification of ssl_version/cert_reqs
 * SSL fingerprint and alternative hostname verification
 * Bugfixes in testsuite

* Sune Kirkeby <mig@ibofobi.dk>
 * Optional SNI-support for Python 2 via PyOpenSSL.

* Marc Schlaich <marc.schlaich@gmail.com>
 * Various bugfixes and test improvements.

* Bryce Boe <bbzbryce@gmail.com>
 * Correct six.moves conflict
 * Fixed pickle support of some exceptions

* Boris Figovsky <boris.figovsky@ravellosystems.com>
 * Allowed to skip SSL hostname verification

* Cory Benfield
 <https://lukasa.co.uk/about/>
 * Stream method for Response objects.
 * Return native strings in header values.
 * Generate 'Host' header when using proxies.

* Jason Robinson <jaywink@basshero.org>
 * Add missing WrappedSocket.fileno method in PyOpenSSL

* Audrius Butkevicius <audrius.butkevicius@elastichosts.com>
 * Fixed a race condition

* Stanislav Vitkovskiy <stas.vitkovsky@gmail.com>
 * Added HTTPS (CONNECT) proxy support

* Stephen Holsapple <sholsapp@gmail.com>
 * Added abstraction for granular control of request fields

* Martin von Gagern <Martin.vGagern@gmx.net>
 * Support for non-ASCII header parameters

* Kevin Burke <kev@inburke.com> and Pavel Kirichenko <juanych@yandex-team.ru>
 * Support for separate connect and request timeouts

* Peter Waller <p@pwaller.net>
 * HTTPResponse.tell() for determining amount received over the wire

* Nipunn Koorapati <nipunn1313@gmail.com>
 * Ignore default ports when comparing hosts for equality

* Danilo @dbrgn <https://dbrgn.ch/>
  * Disabled TLS compression by default on Python 3.2+
 * Disabled TLS compression in pyopenssl contrib module
 * Configurable cipher suites in pyopenssl contrib module

* Roman Bogorodskiy <roman.bogorodskiy@ericsson.com>
 * Account retries on proxy errors

* Nicolas Delaby <nicolas.delaby@ezeep.com>
 * Use the platform-specific CA certificate locations

* Josh Schneier <https://github.com/jschneier>
 * HTTPHeaderDict and associated tests and docs
 * Bugfixes, docs, test coverage

* Tahia Khan <http://tahia.tk/>
 * Added Timeout examples in docs

* Arthur Grunseid <https://grunseid.com>
 * source_address support and tests (with https://github.com/bui)

* Ian Cordasco <graffatcolmingov@gmail.com>
 * PEP8 Compliance and Linting
 * Add ability to pass socket options to an HTTP Connection

* Erik Tollerud <erik.tollerud@gmail.com>
 * Support for standard library io module.

* Krishna Prasad <kprasad.iitd@gmail.com>
 * Google App Engine documentation

* Aaron Meurer
 <asmeurer@gmail.com>
 * Added Url.url, which unparses a Url

* Evgeny Kapun <abacabadabacaba@gmail.com>
 * Bugfixes

* Benjamen Meyer <bm_witness@yahoo.com>
 * Security Warning Documentation update for proper capture

* Shivan Sornarajah <github@sornars.com>
 * Support for using ConnectionPool and PoolManager as context managers.

* Alex Gaynor <alex.gaynor@gmail.com>
 * Updates to the default SSL configuration

* Tomas Tomecek <ttomecek@redhat.com>
 * Implemented generator for getting chunks from chunked responses.

* tlynn <https://github.com/tlynn>
 * Respect the warning preferences at import.

* David D. Riddle <ddriddle@illinois.edu>
 * IPv6 bugfixes in testsuite

* Thea Flowers <magicalgirl@google.com>
 * App Engine environment tests.
 * Documentation re-write.

* John Krauss <https://github.com/talos>
 * Clues to debugging problems with `cryptography` dependency in docs

* Disassem <https://github.com/Disassem>
 * Fix pool-default headers not applying for url-encoded
 requests like GET.

* James Atherfold <jlatherfold@hotmail.com>
 * Bugfixes relating to cleanup of connections during errors.

* Christian Pedersen <https://github.com/chripede>
 * IPv6 HTTPS proxy bugfix

* Jordan Moldow <https://github.com/jmoldow>
 * Fix low-level exceptions leaking from ``HTTPResponse.stream()``.
 * Bugfix for ``ConnectionPool.urlopen(release_conn=False)``.
 * Creation of ``HTTPConnectionPool.ResponseCls``.

* Predrag Gruevski <https://github.com/obi1kenobi>
 * Made cert digest comparison use a constant-time algorithm.

* Adam Talsma <https://github.com/a-tal>
 * Bugfix to ca_cert file paths.

* Evan Meagher <https://evanmeagher.net>
 * Bugfix related to `memoryview` usage in PyOpenSSL adapter

* John Vandenberg <jayvdb@gmail.com>
 * Python 2.6 fixes; pyflakes and pep8 compliance

* Andy Caldwell <andy.m.caldwell@googlemail.com>
 * Bugfix related to reusing connections in indeterminate states.

* Ville Skytt <ville.skytta@iki.fi>
 * Logging efficiency
 improvements, spelling fixes, Travis config.

* Shige Takeda <smtakeda@gmail.com>
 * Started Recipes documentation and added a recipe about handling concatenated gzip data in HTTP response

* Jess Shapiro <jesse@jesseshapiro.net>
 * Various character-encoding fixes/tweaks
 * Disabling IPv6 DNS when IPv6 connections not supported

* David Foster <http://dafoster.net/>
 * Ensure order of request and response headers are preserved.

* Jeremy Cline <jeremy@jcline.org>
 * Added connection pool keys by scheme

* Aviv Palivoda <palaviv@gmail.com>
 * History list to Retry object.
 * HTTPResponse contains the last Retry object.

* Nate Prewitt <nate.prewitt@gmail.com>
 * Ensure timeouts are not booleans and greater than zero.
 * Fixed infinite loop in ``stream`` when amt=None.
 * Added length_remaining to determine remaining data to be read.
 * Added enforce_content_length to raise exception when incorrect content-length received.

* Seth Michael Larson <sethmichaellarson@protonmail.com>
 * Created selectors backport that supports PEP 475.

* Alexandre Dias <alex.dias@smarkets.com>
 * Don't retry on timeout if method not in whitelist

* Moinuddin Quadri <moin18@gmail.com>
 * Lazily load idna package

* Tom White <s6yg1ez3@mail2tor.com>
 * Made SOCKS handler differentiate socks5h from socks5 and socks4a from socks4.

* Tim Burke <tim.burke@gmail.com>
 * Stop buffering entire deflate-encoded responses.

* Tuukka Mustonen <tuukka.mustonen@gmail.com>
 * Add counter for status_forcelist retries.

* Erik Rose <erik@mozilla.com>
 * Bugfix to pyopenssl vendoring

* Wolfgang Richter <wolfgang.richter@gmail.com>
 * Bugfix related to loading full certificate chains with PyOpenSSL backend.

* Mike Miller <github@mikeage.net>
 * Logging improvements to include the HTTP(S) port when opening a new connection

* Ioannis Tziakos <mail@itziakos.gr>
 * Fix ``util.selectors._fileobj_to_fd`` to accept ``long``.
 * Update appveyor tox setup to use the 64bit python.

* Akamai
 (through Jess Shapiro) <jshapiro@akamai.com>
 * Ongoing maintenance; 2017-2018

* Dominique Leuenberger <dimstar@opensuse.org>
 * Minor fixes in the test suite

* Will Bond <will@wbond.net>
 * Add Python 2.6 support to ``contrib.securetransport``

* Aleksei Alekseev <alekseev.yeskela@gmail.com>
 * using auth info for socks proxy

* Chris Wilcox <git@crwilcox.com>
 * Improve contribution guide
 * Add ``HTTPResponse.geturl`` method to provide ``urllib2.urlopen().geturl()`` behavior

* Bruce Merry <https://www.brucemerry.org.za>
 * Fix leaking exceptions when system calls are interrupted with zero timeout

* Hugo van Kemenade <https://github.com/hugovk>
 * Drop support for EOL Python 2.6

* Tim Bell <https://github.com/timb07>
 * Bugfix for responses with Content-Type: message/* logging warnings

* Justin Bramley <https://github.com/jbramleycl>
 * Add ability to handle multiple Content-Encodings

* Katsuhiko YOSHIDA <https://github.com/kyoshidajp>
 * Remove Authorization header
 regardless of case when redirecting to cross-site

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

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

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

1.113 contextlib2 0.6.0

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes

2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
3.2.1	3.2	2011	PSF	yes
3.2.2	3.2.1	2011	PSF	yes
3.3	3.2			
2012	PSF	yes		

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

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

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

executable.

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

```
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# A grammar to describe tree matching patterns.
# Not shown here:
# - 'TOKEN' stands for any token (leaf node)
# - 'any' stands for any node (leaf or interior)
# With 'any' we can still specify the sub-structure.

# The start symbol is 'Matcher'.

Matcher: Alternatives ENDMARKER

Alternatives: Alternative ('|' Alternative)*

Alternative: (Unit | NegatedUnit)+

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

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

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

Details: '<' Alternatives '>'
```

Found in path(s):
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.7/Lib/lib2to3/PatternGrammar.txt
* /python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.6/Lib/lib2to3/PatternGrammar.txt
*
/python3-stdlib-extensions-3-8-2-orig-tar-xz/python3-stdlib-extensions-3.8.2/3.8/Lib/lib2to3/PatternGrammar.txt
No license file was found, but licenses were detected in source scan.

```
/************************************************************
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                All Rights Reserved

************************************************************/
```

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

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

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

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

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

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

version.

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

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

1.121 libnettle6 3.5.1+really3.5.1-2ubuntu0.2

1.121.1 Available under license :

/* nettle-internal.c

Things that are used only by the testsuite and benchmark, and
not included in the library.

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*/
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Upstream-Name: Nettle
Upstream-Contact: Niels Mller <nisse@lysator.liu.se>
Source: http://www.lysator.liu.se/~nisse/nettle/
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.

A list of the supported algorithms, their origins and licenses (from the manual):

.

AES

The implementation of the AES cipher (also known as rijndael) is written by Rafael Sevilla. Assembler for x86 by Rafael Sevilla and Niels Mller, Sparc assembler by Niels Mller. Released under the LGPL.

.

ARCFOUR

The implementation of the ARCFOUR (also known as RC4) cipher is written by Niels Mller. Released under the LGPL.

.

ARCTWO

The implementation of the ARCTWO (also known as RC2) cipher is written by Nikos Mavroyanopoulos and modified by Werner Koch and Simon Josefsson. Released under the LGPL.

.

BLOWFISH

The implementation of the BLOWFISH cipher is written by Werner Koch, copyright owned by the Free Software Foundation. Also hacked by Simon Josefsson and Niels Mller. Released under the LGPL.

.

CAMELLIA

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

.

CAST128

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

.

DES

The implementation of the DES cipher is written by Dana L. How, and released under the LGPL.

.

MD2

The implementation of MD2 is written by Andrew Kuchling, and hacked some by Andreas Sigfridsson and Niels Mller. Python Cryptography Toolkit license (essentially public domain).

.

MD4

This is almost the same code as for MD5 below, with modifications
by Marcus Comstedt. Released into the public domain.

.

MD5

The implementation of the MD5 message digest is written by Colin
Plumb. It has been hacked some more by Andrew Kuchling and Niels
Mller. Released into the public domain.

.

SERPENT

The implementation of the SERPENT is based on the code in
libgcrypt, copyright owned by the Free Software Foundation.
Adapted to Nettle by Simon Josefsson and heavily modified by
Niels Mller. Assembly for x86_64 by Niels Mller. Released under
the LGPL.

.

SHA1

The C implementation of the SHA1 message digest is written by Peter
Gutmann, and hacked some more by Andrew Kuchling and Niels Mller.
Released into the public domain. Assembler for x86 by Niels Mller,
released
under the LGPL.

.

SHA224, SHA256, SHA384, and SHA512

Written by Niels Mller, using Peter Gutmann's SHA1 code as a
model. Released under the LGPL.

.

TWOFISH

The implementation of the TWOFISH cipher is written by Ruud de
Rooij. Released under the LGPL.

.

RSA

Written by Niels Mller, released under the LGPL. Uses the GMP
library for bignum operations.

.

DSA

Written by Niels Mller, released under the LGPL. Uses the GMP
library for bignum operations.

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License: LGPL-2.1+

Files: arctwo*
Copyright: 2003 Nikos Mavroyanopoulos

2004 Simon Josefsson
2004 Free Software Foundation, Inc.
2002, 2004 Niels Mller
License: LGPL-2.1+

Files: base64.h base64-meta.c
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2002 Niels Mller
License: LGPL-2.1+

Files: blowfish.c
Copyright: 1998, 2001, 2002,
2003 Free Software Foundation, Inc.
2010 Simon Josefsson
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1.128 contextlib2 21.6.0

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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
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(CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
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In May 2000, Guido and the Python core development team moved to
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2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
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1.129 libkrbheimdal 7.7.0+dfsg-1ubuntu1

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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libhcrypto

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libhcrypto

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@heading Vincent Rijmen, Antoon Bosselaers, Paulo Barreto

AES in libhcrypto

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libhcrypto

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D3DES (V5.09) -

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Written with Symantec's THINK (Lightspeed) C by Richard Outerbridge.
Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
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Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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DES core in libhcrypto

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AES in libhcrypto

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@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
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1.137 libnghttp2-14 1.40.0-1build1

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set yrange [0:]
set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.138 libhxheimdal 7.7.0+dfsg-1ubuntu1

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@macro copyrightend{}
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 @asis
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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
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AES in libhcrypto

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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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DES core in libhcrypto

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D3DES (V5.09) -

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Thanks to: Dan Hoey for his excellent Initial and Inverse permutation
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rijndael-alg-fst.c

@version 3.0 (December 2000)

Optimised ANSI C code for the Rijndael cipher (now AES)

@author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>
@author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>
@author Paulo Barreto <paulo.barreto@terra.com.br>

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lib/hcrypto/test_dh.c

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Ty Coon, President of Vice

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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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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1.145 zstd-jni 1.5.0-4

1.145.1 Available under license :

BSD-2-Clause

1.146 distlib 0.3.3

1.146.1 Available under license :

A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python

releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under
the GPL. All Python licenses, unlike the GPL, let you distribute
a
modified version without making your changes open source. The
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other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
is "not incompatible" with the GPL.

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

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

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1.150 junit 4.13.2

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man/bitstring.3bsd
man/errc.3bsd
man/explicit_bzero.3bsd
man/fgetln.3bsd
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man/heapsort.3bsd
man/nlist.3bsd
man/queue.3bsd
man/radixsort.3bsd
man/reallocarray.3bsd
man/reallocf.3bsd
man/setmode.3bsd
man/strmode.3bsd
man/strnstr.3bsd
man/strtoi.3bsd
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man/unvis.3bsd
man/vis.3bsd
man/wcslcpy.3bsd
src/getbsize.c
src/heapsort.c
src/merge.c
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src/arc4random_uniform.c
src/arc4random_unix.h
src/arc4random_win.h
src/closefrom.c
src/getentropy_aix.c
src/getentropy_bsd.c
src/getentropy_hpux.c
src/getentropy_hurd.c
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past and future changes. (new: src/libgcrypt.pc.in,
src/Makefile.am, src/secmem.c, mpi/hppa1.1/mpih-mul3.S,
mpi/hppa1.1/udiv-qrnnd.S, mpi/hppa1.1/mpih-mul2.S,
mpi/hppa1.1/mpih-mul1.S, mpi/Makefile.am, tests/prime.c,
tests/register.c, tests/ac.c, tests/basic.c, tests/tsexp.c,
tests/keygen.c, tests/pubkey.c, configure.ac, acinclude.m4)

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January 9, 2013

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1.158 libssh 0.9.3 2ubuntu2.2

1.158.1 Available under license :

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include/libssh/bind.h
include/libssh/buffer.h
include/libssh/channels.h
include/libssh/crc32.h
include/libssh/crypto.h
include/libssh/dh.h
include/libssh/ecdh.h
include/libssh/ed25519.h
include/libssh/gssapi.h
include/libssh/kex.h
include/libssh/keys.h
include/libssh/legacy.h
include/libssh/libcrypto.h
include/libssh/libgcrypt.h
include/libssh/libssh.h
include/libssh/libsshpp.hpp
include/libssh/messages.h
include/libssh/misc.h
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include/libssh/pcap.h
include/libssh/pki.h
include/libssh/pki_priv.h
include/libssh/poll.h
include/libssh/priv.h
include/libssh/scp.h
include/libssh/server.h
include/libssh/session.h
include/libssh/sftp.h
include/libssh/socket.h
include/libssh/string.h
include/libssh/threads.h
include/libssh/wrapper.h
src/auth1.c
src/base64.c
src/bignum.c
src/bind.c
src/buffer.c
src/client.c
src/connect.c
src/crc32.c
src/ecdh.c
src/error.c
src/gcrypt_missing.c
src/init.c

src/kex.c
src/kex1.c
src/legacy.c
src/libcrypto.c
src/libgcrypt.c
src/log.c
src/messages.c
src/packet.c
src/packet1.c
src/packet_cb.c
src/packet_crypt.c
src/pcap.c
src/pki_container_openssh.c
src/pki_ed25519.c
src/server.c
src/session.c
src/sftpserver.c
src/socket.c
src/string.c
src/threads.c
src/threads/pthread.c
src/wrapper.c
tests/benchmarks/bench_raw.c
tests/benchmarks/bench_scp.c
tests/benchmarks/bench_sftp.c
tests/benchmarks/benchmarks.c
tests/benchmarks/benchmarks.h
tests/benchmarks/latency.c
tests/client/torture_algorithms.c
tests/client/torture_auth.c
tests/client/torture_connect.c
tests/client/torture_knownhosts.c
tests/client/torture_session.c
tests/test_pcap.c
tests/test_socket.c

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Files: examples/exec.c
examples/senddata.c
examples/CMakeLists.txt
include/libssh/ssh1.h
include/libssh/ssh2.h
tests/authentication.c
tests/benchmarks/bench1.sh
tests/benchmarks/bench2.sh
tests/chmodtest.c
tests/client/torture_proxycommand.c

tests/client/torture_sftp_dir.c
tests/client/torture_sftp_read.c
tests/cmdline.c
tests/connection.c
tests/generate.py
tests/sftp_stress/main.c
tests/test_exec.c
tests/test_ssh_bind_accept_fd.c
tests/test_tunnel.c
tests/tests.h
tests/unittests/torture_buffer.c
tests/unittests/torture_callbacks.c
tests/unittests/torture_channel.c
tests/unittests/torture_init.c
tests/unittests/torture_isipaddr.c
tests/unittests/torture_keyfiles.c
tests/unittests/torture_list.c
tests/unittests/torture_misc.c
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examples/connect_ssh.c
examples/examples_common.h
examples/knownhosts.c
examples/libssh_scp.c
examples/libsshpp.cpp
examples/libsshpp_noexcept.cpp
examples/proxy.c
examples/sample.c
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program.

Files: src/external/curve25519_ref.c

src/external/ed25519.c
src/external/fe25519.c
src/external/ge25519.c
src/external/ge25519_base.data
src/external/sc25519.c
Copyright: *No copyright*
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Copied from supercop project <https://bench.cr.yp.to/supercop.html>

Files: tests/pkd/pkd_client.h
tests/pkd/pkd_daemon.c
tests/pkd/pkd_daemon.h
tests/pkd/pkd_hello.c
tests/pkd/pkd_keyutil.c
tests/pkd/pkd_keyutil.h
tests/pkd/pkd_util.c
tests/pkd/pkd_util.h
Copyright: 2014, Jon Simons
License: LGPL-2.1+~OpenSSL

Files: src/channels.c
src/channels1.c
src/gzip.c
src/known_hosts.c
src/misc.c
src/options.c
src/pki.c
src/pki_crypto.c
src/pki_gcrypt.c
src/sftp.c
Copyright: 2003-2013, Aris Adamantiadis
2008-2013, Andreas Schneider <asn@cryptomilk.org>
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Files: include/libssh/agent.h
include/libssh/options.h
src/agent.c
src/callbacks.c
src/config.c
tests/client/torture_forward.c
tests/client/torture_request_env.c
tests/torture.c
tests/torture.c
tests/torture.h
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Files: include/libssh/curve25519.h

src/curve25519.c
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Files: include/libssh/callbacks.h
src/scp.c
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Files: src/match.c
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cmake/Modules/DefineCompilerFlags.cmake
cmake/Modules/DefineInstallationPaths.cmake
cmake/Modules/DefinePlatformDefaults.cmake
Copyright: *No copyright*
License: BSD-3-clause
Comment:
Using license from cmake/Modules/COPYING-CMAKE-SCRIPTS

Files: cmake/Modules/AddCMockaTest.cmake
cmake/Modules/CheckCCompilerFlagSSP.cmake
cmake/Modules/FindArgp.cmake
cmake/Modules/FindCMocka.cmake
cmake/Modules/FindGCrypt.cmake
cmake/Modules/FindGSSAPI.cmake
cmake/Modules/FindNaCl.cmake
cmake/Modules/FindNSIS.cmake
cmake/Modules/MacroEnsureOutOfSourceBuild.cmake
cmake/Modules/UseDoxygen.cmake
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1.164 six 1.14.0

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1.165 python-pip 20.0.2-5ubuntu1.6

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team.
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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
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2.6.4	2.6.3	2009	PSF	yes
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3.0	2.6	2008	PSF	yes
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope

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

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes

2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
3.2	3.1	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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1.171 hikaricp 4.0.3

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Found in path(s):
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* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/dropwizard/CodahaleHealthChecker.java
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* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyCallableStatement.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/prometheus/PrometheusMetricsTracker.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/hibernate/HikariConfigurationUtil.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/HikariDataSource.java
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 /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/UtilityElf.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/HikariConfigMXBean.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/dropwizard/CodahaleMetricsTrackerFactory.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyPreparedStatement.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/HikariPoolMXBean.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/prometheus/PrometheusHistogramMetricsTracker.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/PropertyElf.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/hibernate/HikariConnectionProvider.java
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* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/MetricsTrackerFactory.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/HikariJNDIFactory.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/HikariPool.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/dropwizard/CodaHaleMetricsTracker.java
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 /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/MetricsTracker.java
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jar/com/zaxxer/hikari/metrics/prometheus/PrometheusHistogramMetricsTrackerFactory.java
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* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyResultSet.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/JavassistProxyFactory.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/HikariConfig.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/metrics/prometheus/HikariCPCollector.java
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 /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/FastList.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/ConcurrentBag.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/util/DriverDataSource.java

* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyFactory.java
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* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyLeakTaskFactory.java
* /hikaricp-4-0-3-sources-jar/com/zaxxer/hikari/pool/ProxyLeakTask.java

1.172 swagger-annotations 2.1.11

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* /swagger-annotations-2-1-11-sources-jar/io/swagger/v3/oas/annotations/links/LinkParameter.java
* /swagger-annotations-2-1-11-sources-jar/io/swagger/v3/oas/annotations/headers/Header.java

1.173 jctools-core 3.0.0

1.173.1 Available under license :

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</build>

<distributionManagement>
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  <name>jctools-jctools</name>
  <url>https://api.bintray.com/maven/jctools/jctools/jctools-core/;publish=1</url>
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 </license>
</licenses>

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

<developers>
```

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 <developer>
  <url>https://github.com/nitsanw</url>
 </developer>
 <developer>
  <url>https://github.com/mjpt777</url>
 </developer>
 <developer>
  <url>https://github.com/RichardWarburton</url>
 </developer>
 <developer>
  <url>https://github.com/kay</url>
 </developer>
 <developer>
  <url>https://github.com/franz1981</url>
 </developer>
</developers>

<prerequisites>
 <maven>3.5.0</maven>
</prerequisites>

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 <java.version>1.6</java.version>
 <java.test.version>1.8</java.test.version>

 <maven.compiler.source>${java.version}</maven.compiler.source>
 <maven.compiler.target>${java.version}</maven.compiler.target>
 <maven.compiler.testSource>${java.test.version}</maven.compiler.testSource>
 <maven.compiler.testTarget>${java.test.version}</maven.compiler.testTarget>

 <hamcrest.version>1.3</hamcrest.version>
 <junit.version>4.12</junit.version>
 <guava-testlib.version>21.0</guava-testlib.version>
</properties>
</project>
```

Found
in path(s):
* /jctools-core-3-0-0-sources-jar/META-INF/maven/org.jctools/jctools-core/pom.xml
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Found in path(s):
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MessagePassingQueueUtil.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/UnsafeJvmInfo.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/MpscAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/MpscLinkedAtomicQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/MpmcAtomicArrayQueue.java
*
 /jctools-core-3-0-0-sources-jar/org/jctools/queues/SpscGrowableArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/SpscArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/maps/ConcurrentAutoTable.java
* /jctools-core-3-0-0-sources-jar/org/jctools/maps/NonBlockingIdentityHashMap.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscGrowableArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/Pow2.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/spec/ConcurrentQueueSpec.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/BaseLinkedQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/InternalAPI.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/SpscLinkedQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/SpscChunkedAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/spec/Ordering.java
*
 /jctools-core-3-0-0-sources-jar/org/jctools/queues/spec/Preference.java
* /jctools-core-3-0-0-sources-jar/org/jctools/maps/AbstractEntry.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/MpscGrowableAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/BaseMpscLinkedAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscLinkedQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/package-info.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/RangeUtil.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/PortableJvmInfo.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/QueueFactory.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/MpscChunkedAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscBlockingConsumerArrayQueue.java
*
 /jctools-core-3-0-0-sources-jar/org/jctools/queues/ConcurrentSequencedCircularArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/maps/NonBlockingHashSet.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/IndexedQueueSizeUtil.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/LinkedQueueAtomicNode.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscCompoundQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscUnboundedArrayQueue.java

* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/SpmcAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscUnboundedXaddChunk.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/SpscAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/SupportsIterator.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/SpscGrowableAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/BaseMpscLinkedArrayQueue.java
*
 /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/AtomicReferenceArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/BaseLinkedAtomicQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/SpmcArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/SpscUnboundedArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/maps/NonBlockingHashMapLong.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/ConcurrentCircularArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/maps/NonBlockingSetInt.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpmcUnboundedXaddChunk.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/BaseSpscLinkedAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscChunkedArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/maps/NonBlockingHashMap.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/UnsafeLongArrayAccess.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/SpscLinkedAtomicQueue.java
*
 /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpscUnboundedXaddArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/MpscUnboundedAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MessagePassingQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/SequencedAtomicReferenceArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/BaseSpscLinkedArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/LinkedQueueNode.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/MpmcArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/UnsafeAccess.java
* /jctools-core-3-0-0-sources-jar/org/jctools/util/UnsafeRefArrayAccess.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/SpscChunkedArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/SpscUnboundedAtomicArrayQueue.java
* /jctools-core-3-0-0-sources-jar/org/jctools/queues/atomic/AtomicQueueFactory.java

1.174 listenablefuture 1.0

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1.175 annotations 4.1.1.4

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

1.176 jboss-logging 3.4.3.Final

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1.177 jandex 2.4.2.Final

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* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/ModuleInfo.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/RecordComponentInfo.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/RecordComponentInternal.java
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* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/Type.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/FieldInternal.java
*
 /jandex-2-4-2-final-sources-jar/org/jboss/jandex/UnsupportedVersion.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/AnnotationTarget.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/NameTable.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/JarIndexer.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/AnnotationValue.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexView.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/AnnotationInstance.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/CompositeIndex.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/Main.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/Result.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexWriter.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/JandexAntTask.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/ClassInfo.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexReader.java
*
 /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexReaderV1.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/ClassType.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/PackedDataOutputStream.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/Index.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/MethodParameterInfo.java
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* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/PackedDataInputStream.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/PrimitiveType.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/StrongInternPool.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/Indexer.java
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* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexReaderV2.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexWriterV2.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/VoidType.java
*
 /jandex-2-4-2-final-sources-jar/org/jboss/jandex/MethodInfoGenerator.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/MethodParameterTypeTarget.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/FieldInfoGenerator.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/ThrowsTypeTarget.java

* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/ArrayType.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/WildcardType.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/ParameterizedType.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/TypeVariable.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/TypeParameterTypeTarget.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/GenericSignatureParser.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/MethodInternal.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexWriterImpl.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/TypeTarget.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/IndexReaderImpl.java
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 /jandex-2-4-2-final-sources-jar/org/jboss/jandex/ClassExtendsTypeTarget.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/UnresolvedTypeVariable.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/TypeParameterBoundTypeTarget.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/AnnotationTargetFilterCollection.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/PositionBasedTypeTarget.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/Utils.java
* /jandex-2-4-2-final-sources-jar/org/jboss/jandex/EmptyTypeTarget.java

1.178 proto-google-common-protos 2.0.1

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* /proto-google-common-protos-2-0-1-sources-jar/google/logging/type/log_severity.proto
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 /proto-google-common-protos-2-0-1-sources-jar/google/api/context.proto
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* /proto-google-common-protos-2-0-1-sources-jar/google/type/date.proto
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* /proto-google-common-protos-2-0-1-sources-jar/google/type/money.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/rpc/context/attribute_context.proto

* /proto-google-common-protos-2-0-1-sources-jar/google/api/consumer.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/rpc/status.proto
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* /proto-google-common-protos-2-0-1-sources-jar/google/api/usage.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/type/dayofweek.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/api/monitoring.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/type/fraction.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/api/auth.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/api/source_info.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/longrunning/operations.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/api/resource.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/type/latlng.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/rpc/code.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/type/datetime.proto
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* /proto-google-common-protos-2-0-1-sources-jar/google/api/billing.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/logging/type/http_request.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/api/field_behavior.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/rpc/error_details.proto
* /proto-google-common-protos-2-0-1-sources-jar/google/api/backend.proto
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*/
/**
 *
 *
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 * </pre>
 *
 * <code>EARLY_ACCESS = 1;</code>
 */

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* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ProjectProperties.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ChangeType.java
*
 /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthRequirementOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ConfigChange.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuthorizationInfo.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/Expr.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/Date.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/Color.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoringProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ClientProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LabelDescriptorOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/logging/type/LogSeverity.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ControlOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Context.java
*
 /proto-google-common-protos-2-0-1-sources-jar/com/google/api/CustomHttpPatternOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MetricProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/LocalizedMessage.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/QuotaProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LabelProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/logging/type/HttpRequestProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ResourceInfo.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/BackendRule.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/GetOperationRequest.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ControlProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/WaitOperationRequestOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/OperationsProto.java
*
 /proto-google-common-protos-2-0-1-sources-jar/com/google/type/DateTimeOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/QuotaLimitOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/DateTime.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/ExprProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Control.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/PostalAddress.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ContextRuleOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Metric.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/Status.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Distribution.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/ListOperationsRequestOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/OAuthRequirementsOrBuilder.java
*

/proto-google-common-protos-2-0-1-sources-jar/com/google/type/LatLngOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Service.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthProvider.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/DebugInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/OAuthRequirements.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/CodeProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/DateOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ConfigChangeOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/SystemParameterRule.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/SourceInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResource.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/TimeZoneOrBuilder.java
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/proto-google-common-protos-2-0-1-sources-jar/com/google/api/SourceInfoProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LogDescriptor.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/UsageRuleOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/DayOfWeek.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Advice.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/ListOperationsRequest.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/TimeOfDayProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MetricDescriptor.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/LatLng.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResourceMetadataOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/JwtLocation.java
*
/proto-google-common-protos-2-0-1-sources-jar/com/google/api/EndpointProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/PreconditionFailureOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/UsageOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/geo/type/Viewport.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/Operation.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ResourceReference.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/DebugInfo.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthenticationRuleOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/QuotaFailureOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpRule.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthProviderOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ErrorInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResourceDescriptor.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Endpoint.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuditLogOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/PreconditionFailure.java

* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ResourceProto.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/CalendarPeriodProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/BackendOrBuilder.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/CancelOperationRequest.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/SystemParameters.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/geo/type/ViewportProto.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ResourceReferenceOrBuilder.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/Money.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/ListOperationsResponse.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/Help.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ResourceDescriptor.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/SystemParameterProto.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ResourceDescriptorOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ProjectPropertiesOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/PostalAddressProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/DayOfWeekProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Authentication.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/context/AttributeContextOrBuilder.java

* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/PostalAddressOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Monitoring.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/RetryInfo.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/RetryInfoOrBuilder.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/QuaternionOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/QuotaLimit.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/StatusOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ErrorInfo.java
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* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Usage.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/QuaternionProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LogProto.java
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 /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuditLogProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/ListOperationsResponseOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ServiceProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/PageOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResourceProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Backend.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/RequestMetadata.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/DeleteOperationRequestOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/CalendarPeriod.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/DocumentationRuleOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/RequestInfo.java
*
 /proto-google-common-protos-2-0-1-sources-jar/com/google/type/TimeOfDay.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/DateTimeProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ResourceInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/ResourceLocationOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/StatusProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AnnotationsProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LaunchStageProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthenticationOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ServiceOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-
jar/com/google/cloud/audit/ServiceAccountDelegationInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Quota.java
*
 /proto-google-common-protos-2-0-1-sources-jar/com/google/type/FractionOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/MoneyProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/QuotaFailure.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/ColorOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/DocumentationRule.java

* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/CustomHttpPattern.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/WaitOperationRequest.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResourceOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/OperationInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/UsageProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/SourceInfo.java
*
/proto-google-common-protos-2-0-1-sources-jar/com/google/api/DocumentationProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/HelpOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/ServiceAccountDelegationInfo.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/ResourceLocation.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/RequestMetadataOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/UsageRule.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuthenticationInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Page.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/context/AttributeContext.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/BillingOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/FractionProto.java
*
/proto-google-common-protos-2-0-1-sources-jar/com/google/api/MetricOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuthenticationInfo.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/cloud/audit/AuthorizationInfoOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoringOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AuthRequirement.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/LatLngProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/geo/type/ViewportOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LoggingProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/FieldBehaviorProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/logging/type/HttpRequestOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LoggingOrBuilder.java
*
/proto-google-common-protos-2-0-1-sources-jar/com/google/api/PropertyOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/OperationOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/BadRequest.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MonitoredResourceDescriptorOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/ErrorDetailsProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/logging/type/LogSeverityProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpBodyOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/AdviceOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/MetricDescriptorOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/rpc/LocalizedMessageOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/JwtLocationOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/DeleteOperationRequest.java
*
/proto-google-common-protos-2-0-1-sources-jar/com/google/api/Billing.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/Property.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/SystemParametersOrBuilder.java

* /proto-google-common-protos-2-0-1-sources-jar/com/google/type/DateProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/LogDescriptorOrBuilder.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/OperationInfo.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/HttpProto.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/FieldBehavior.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/logging/type/HttpRequest.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/ContextRule.java
* /proto-google-common-protos-2-0-1-sources-jar/com/google/api/BillingProto.java
*
/proto-google-common-protos-2-0-1-sources-jar/com/google/longrunning/CancelOperationRequestOrBuilder.java

1.179 animal-sniffer-annotation 1.19

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1.180 netty-codec 4.1.48.Final

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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
*
/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/DateFormatter.java
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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/CharSequenceValueConverter.java
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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/xml/XmlFrameDecoder.java
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*/
/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/xml/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java

*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
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 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/CodecException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/string/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/base64/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
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 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
*

/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
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/netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
```

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

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

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

```
* +------+--------+------+----------------+      +------+----------------+
* </pre>
* @see LengthFieldPrepender
*/
```

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/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="http://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
*
 The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/AsciiHeadersEncoder.java
*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
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* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoderNano.java
*
 /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /netty-codec-4-1-48-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoder.java

1.181 netty-resolver 4.1.48.Final

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* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/NoopAddressResolver.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/NameResolver.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
*
 /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/package-info.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
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* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/HostsFileParser.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
*
/netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/InetNameResolver.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java

* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /netty-resolver-4-1-48-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java

1.182 netty-codec-socks 4.1.48.Final

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* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequestDecoder.java
*
 /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/AbstractSocksMessage.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/AbstractSocks5Message.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponseDecoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5ClientEncoder.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponseDecoder.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequestDecoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/AbstractSocks4Message.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerEncoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4Message.java
*
 /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/package-info.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientEncoder.java
* /netty-codec-socks-4-1-48-final-sources-

jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequestDecoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5Message.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponseDecoder.java
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* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/SocksMessage.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequestDecoder.java
*
 /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksCommonUtils.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandType.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksAuthResponseDecoder.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/package-info.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponse.java
*
 /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/package-info.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ServerDecoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponseDecoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksRequest.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4ClientDecoder.java
* /netty-codec-socks-4-1-48-final-sources-

jar/io/netty/handler/codec/socksx/v5/DefaultSocks5CommandResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksInitResponse.java
*
/netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5InitialResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksMessageEncoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v4/Socks4CommandStatus.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksCmdResponseDecoder.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequestDecoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthRequest.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandResponse.java
*
/netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksInitRequest.java
* /netty-codec-socks-4-1-48-final-sources-
jar/io/netty/handler/codec/socksx/v4/DefaultSocks4CommandRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksMessage.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/DefaultSocks5InitialResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksAuthRequest.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandResponse.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksCmdRequestDecoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/UnknownSocksResponse.java
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* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksAddressType.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
*
 /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/SocksVersion.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java
*
 /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
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* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressEncoder.java
* /netty-codec-socks-4-1-48-final-sources-jar/io/netty/handler/codec/socksx/SocksPortUnificationServerHandler.java

1.183 netty-transport-native-epoll 4.1.48.Final

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* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/LinuxSocket.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/NativeStaticallyReferencedJniMethods.java
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* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannel.java
*
 /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollMode.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollServerChannelConfig.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/AbstractEpollServerChannel.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/AbstractEpollStreamChannel.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/TcpMd5Util.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollChannelConfig.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollDomainSocketChannelConfig.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorStreamingHandle.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.

  */

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* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java
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 /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollChannelOption.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/AbstractEpollChannel.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannel.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/Epoll.java
* /netty-transport-native-epoll-4-1-48-final-sources-jar/io/netty/channel/epoll/EpollSocketChannel.java
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*/
/**
    * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
    * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
    * Allowing them being read would mean anyone with access to the channel could get them.

  */
/**
    * Set the {@code TCP_QUICKACK} option on the socket. See <a
href="http://linux.die.net/man/7/tcp">TCP_QUICKACK</a>
    * for more details.
    */
```

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1.184 netty-handler 4.1.48.Final

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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslCachingKeyMaterialProvider.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslTlsv13X509ExtendedTrustManager.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SslCloseCompletionEvent.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ocsp/package-info.java

* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/Java9SslEngine.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ConscryptAlpnSslEngine.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/flow/package-info.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/flush/package-info.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/PemX509Certificate.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
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 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslJavaxX509Certificate.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SslContextBuilder.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolAccessor.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java

* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/AbstractRemoteAddressFilter.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SniHandler.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/CipherSuiteFilter.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/OpenJdkSelfSignedCertGenerator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslNpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SslContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkSslServerContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkBaseApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/JettyNpnSslEngine.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
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 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslX509Certificate.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SslProvider.java

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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SslMasterKeyHandler.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/KeyManagerFactoryWrapper.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
*
 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/address/package-info.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java

* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/X509KeyManagerWrapper.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/stream/ChunkedStream.java
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 /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/util/package-info.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/timeout/TimeoutException.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/stream/package-info.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/stream/ChunkedNioStream.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/timeout/WriteTimeoutHandler.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/package-info.java
*

/netty-handler-4-1-48-final-sources-jar/io/netty/handler/timeout/package-info.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/SslHandler.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/stream/ChunkedNioFile.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/ssl/NotSslRecordException.java
* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/timeout/IdleState.java
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* /netty-handler-4-1-48-final-sources-jar/io/netty/handler/logging/package-info.java
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1.185 netty-transport 4.1.48.Final

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/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
*
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its subtypes:
*
* {@link
 ChannelInboundHandler} to handle inbound I/O events, and
* {@link ChannelOutboundHandler} to handle outbound I/O operations.
*
*
*
* Alternatively, the following adapter classes are provided for your convenience:
*
* {@link ChannelInboundHandlerAdapter} to handle inbound I/O events,

```
* <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 a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
 * <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*           {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
```

```
* Now that the state
 of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create
 a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* <a href="http://www.javaconcurrencyinpractice.com/annotations/doc/">the JCIP annotations</a>.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a  pipeline,  and how to handle
* the operation in your application.
*/

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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelFactory.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/embedded/EmbeddedChannelId.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
*
 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/PendingBytesTracker.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/internal/ChannelUtils.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannelConfig.java
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*
 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultEventLoopGroup.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelMetadata.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelPromiseNotifier.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultEventLoop.java
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 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/AbstractServerChannel.java
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*
 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelFlushPromiseNotifier.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/oio/AbstractOioChannel.java

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 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/VoidChannelPromise.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/embedded/package-info.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/ServerSocketChannelConfig.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelException.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/nio/NioEventLoop.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/oio/OioEventLoopGroup.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
*
 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/AddressedEnvelope.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/group/DefaultChannelGroup.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/group/ChannelGroup.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/group/ChannelMatcher.java

* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultMessageSizeEstimator.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultChannelId.java
*
 /netty-transport-4-1-48-final-sources-jar/io/netty/bootstrap/ChannelFactory.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/ChannelId.java
*
 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/MaxMessagesRecvByteBufAllocator.java
*
 /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/package-info.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultMaxBytesRecvByteBufAllocator.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/ChannelPoolHandler.java

* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/ChannelPool.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java
* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
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* /netty-transport-4-1-48-final-sources-jar/io/netty/channel/DefaultChannelHandlerContext.java

1.186 netty-transport-native-unix-common 4.1.48.Final

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Found in path(s):
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/package-info.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/IovArray.java

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* /netty-transport-native-unix-common-4-1-48-final-sources-
jar/io/netty/channel/unix/SocketWritableByteChannel.java
* /netty-transport-native-unix-common-4-1-48-final-sources-
jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_limits.c
*
 /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/PeerCredentials.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_util.c
* /netty-transport-native-unix-common-4-1-48-final-sources-
jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_limits.h
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_util.h
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/Limits.java
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* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_socket.h
*
 /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/ServerDomainSocketChannel.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/UnixChannel.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/Socket.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_filedescriptor.c
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_errors.c
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/Errors.java
*
 /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_filedescriptor.h
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_errors.h
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java
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* /netty-transport-native-unix-common-4-1-48-final-sources-jar/io/netty/channel/unix/Buffer.java
* /netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_buffer.c
*
/netty-transport-native-unix-common-4-1-48-final-sources-jar/netty_unix_buffer.h

1.187 netty-handler-proxy 4.1.48.Final

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* /netty-handler-proxy-4-1-48-final-sources-jar/io/netty/handler/proxy/ProxyHandler.java
*
/netty-handler-proxy-4-1-48-final-sources-jar/io/netty/handler/proxy/package-info.java
* /netty-handler-proxy-4-1-48-final-sources-jar/io/netty/handler/proxy/Socks4ProxyHandler.java
* /netty-handler-proxy-4-1-48-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
* /netty-handler-proxy-4-1-48-final-sources-jar/io/netty/handler/proxy/Socks5ProxyHandler.java

1.188 netty-tcnative-boringssl-static 2.0.30.Final

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* /netty-tcnative-boringssl-static-2-0-30-final-sources-jar/io/netty/internal/tcnative/Library.java
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* /netty-tcnative-boringssl-static-2-0-30-final-sources-jar/io/netty/internal/tcnative/SSLPrivateKeyMethod.java
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 /netty-tcnative-boringssl-static-2-0-30-final-sources-jar/io/netty/internal/tcnative/CertificateCallbackTask.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-
jar/io/netty/internal/tcnative/SSLPrivateKeyMethodDecryptTask.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-
jar/io/netty/internal/tcnative/SSLPrivateKeyMethodSignTask.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-jar/io/netty/internal/tcnative/CertificateVerifierTask.java
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jar/io/netty/internal/tcnative/NativeStaticallyReferencedJniMethods.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-jar/io/netty/internal/tcnative/SniHostNameMatcher.java
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Manifest-Version: 1.0
BoringSSL-Revision: 243b5cc9e33979ae2afa79eaa4e4c8d59db161d4
Bundle-Description: A Mavenized fork of Tomcat Native which incorporat
es various patches. This artifact is statically linked to BoringSS
L and Apache APR.
Apr-Version: 1.6.5
Automatic-Module-Name: io.netty.tcnative.boringssl
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0
Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: norman
Bnd-LastModified: 1584602214305
Bundle-ManifestVersion: 2
Bundle-DocURL: http://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;
version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="
[1,2)";resolution:=optional
Tool: Bnd-2.1.0.20130426-122213
Export-Package: io.netty.internal.tcnative;version="2.0.30.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL
 - Static]
Bundle-Version: 2.0.30.Final
BoringSSL-Branch: chromium-stable
Bundle-NativeCode: META-INF/native/libnetty_tcnative.jnilib;osname=mac
osx;;processor=x86_64
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_232

Found in path(s):
* /netty-tcnative-boringssl-static-2-0-30-final-sources-jar/META-INF/MANIFEST.MF

1.189 netty-codec-http 4.1.48.Final

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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/CompressorHttp2ConnectionEncoder.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2HeadersEncoder.java
*
/netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameListenerDecorator.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameReader.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2Exception.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2Headers.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2DataWriter.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionHandler.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/EmptyHttp2Headers.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2HeadersEncoder.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FlowController.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionDecoder.java
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/netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2Stream.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2FrameWriter.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2Connection.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2ServerUpgradeCodec.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2Flags.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2ClientUpgradeCodec.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2Settings.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2LocalFlowController.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionAdapter.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionEncoder.java
*
/netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/HttpToHttp2ConnectionHandler.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameSizePolicy.java

* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameListener.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2EventAdapter.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameAdapter.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2LifecycleManager.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/InboundHttp2ToHttpAdapter.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameWriter.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2RemoteFlowController.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameTypes.java
*
 /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2NoMoreStreamIdsException.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2Error.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2RemoteFlowController.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2ConnectionEncoder.java
* /netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/DelegatingDecompressorFrameListener.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2HeadersDecoder.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/package-info.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2Headers.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2CodecUtil.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2LocalFlowController.java
*
 /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2HeadersDecoder.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2FrameReader.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2SettingsAckFrame.java
*

/netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/MaxCapacityQueue.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/HpackHuffmanEncoder.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/HpackDynamicTable.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2StreamChannel.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameStreamEvent.java
*
 /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2MultiplexCodecBuilder.java
* /netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/CleartextHttp2ServerUpgradeHandler.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2StreamChannelId.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2UnknownFrame.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2StreamChannelBootstrap.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2UnknownFrame.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/WeightedFairQueueByteDistributor.java
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/netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2StreamVisitor.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DecoratingHttp2FrameWriter.java
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* /netty-codec-http2-4-1-48-final-sources-
jar/io/netty/handler/codec/http2/AbstractInboundHttp2ToHttpAdapterBuilder.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DecoratingHttp2ConnectionEncoder.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2MultiplexCodec.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2HeadersFrame.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2Frame.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2DataFrame.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2PingFrame.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2WindowUpdateFrame.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2GoAwayFrame.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/AbstractHttp2StreamFrame.java
* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2ResetFrame.java
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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2FrameCodec.java
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// https://tools.ietf.org/html/rfc7540#section-8.1.2.2 makes a special exception for TE

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* /netty-codec-http2-4-1-48-final-sources-jar/io/netty/handler/codec/http2/Http2EmptyDataFrameListener.java
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Found in path(s):
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/InvalidPathException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/JsonPath.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/JsonPathException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/PropertyPathToken.java
*
/json-path-2-7-0-sources-jar/com/jayway/jsonpath/WriteContext.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/json/GsonJsonProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/function/latebinding/PathLateBindingValue.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/InvalidJsonException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/mapper/JsonSmartMappingProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/json/JettisonProvider.java

* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/InvalidCriteriaException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/Option.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/Path.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/Configuration.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/CompiledPath.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/Criteria.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/json/JsonProvider.java
*
/json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/ScanPathToken.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/json/JsonSmartJsonProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/DocumentContext.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/MapFunction.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/EvaluationContextImpl.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/WildcardPathToken.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/Filter.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/PredicatePathToken.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/EvaluationListener.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/InvalidModificationException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/Predicate.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/TypeRef.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/ReadContext.java
*
/json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/ArrayIndexToken.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/mapper/JacksonMappingProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/ArraySliceToken.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/mapper/MappingProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/PathToken.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/EvaluationContext.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/cache/LRUCache.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/PredicateContextImpl.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/Utils.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/json/AbstractJsonProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/mapper/GsonMappingProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/ArrayPathToken.java
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/json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/function/latebinding/JsonLateBindingValue.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/json/JacksonJsonProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/ValueCompareException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/mapper/TapestryMappingProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/mapper/MappingException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/path/RootPathToken.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/spi/mapper/JakartaMappingProvider.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/JsonFormatter.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/JsonContext.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/internal/function/latebinding/ILateBindingValue.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/PathNotFoundException.java
* /json-path-2-7-0-sources-jar/com/jayway/jsonpath/ParseContext.java

1.191 cyrus-sasl 2.1.27+dfsg-2ubuntu0.1

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1.192 javax-annotation-api 1.3.2

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Manifest-Version: 1.0
Bnd-LastModified: 1644737816481
Build-Jdk: 11.0.14
Built-By: uriel
Bundle-Description: Java reflect give poor performance on getter sette
r an constructor calls, accessors-smart use ASM to speed up those cal
ls.
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Bundle-ManifestVersion: 2
Bundle-Name: accessors-smart
Bundle-SymbolicName: net.minidev.accessors-smart
Bundle-Vendor: Chemouni Uriel
Bundle-Version: 2.4.8
Created-By: Apache Maven Bundle Plugin
Export-Package: net.minidev.asm;uses:="org.objectweb.asm";version="2.4
.8",net.minidev.asm.ex;version="2.4.8"
Import-Package: org.objectweb.asm;version="[8.0,10)",net.minidev.asm.e
x
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-5.1.1.202006162103

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1.199 python-pip 22.0.4

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- Chris McDonough, 2011/02/16
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This package contains a modified version of ca-bundle.crt:

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

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes

2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a

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All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

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0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
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2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
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2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
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2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes

2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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Python was created in the early 1990s by Guido van Rossum at Stichting
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In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1		2001-now	PSF	yes

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1.200 log4j-api 2.17.2

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* /netty-tcnative-boringssl-static-2-0-30-final-sources-2-jar/io/netty/internal/tcnative/SSLPrivateKeyMethodTask.java
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 /netty-tcnative-boringssl-static-2-0-30-final-sources-2-jar/io/netty/internal/tcnative/CertificateVerifierTask.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-2-jar/io/netty/internal/tcnative/CertificateCallbackTask.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-2-jar/io/netty/internal/tcnative/SSLTask.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-2-jar/io/netty/internal/tcnative/SSLPrivateKeyMethod.java
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Manifest-Version: 1.0
BoringSSL-Revision: 243b5cc9e33979ae2afa79eaa4e4c8d59db161d4
Bundle-Description: A Mavenized fork of Tomcat Native which incorporat
es various patches. This artifact is statically linked to BoringSS
L and Apache APR.
Apr-Version: 1.6.5
Automatic-Module-Name: io.netty.tcnative.boringssl
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0

Bundle-SymbolicName: io.netty.tcnative-boringssl-static
Archiver-Version: Plexus Archiver
Built-By: norman
Bnd-LastModified: 1584602214305
Bundle-ManifestVersion: 2
Bundle-DocURL: http://netty.io/
Bundle-Vendor: The Netty Project
Import-Package: sun.nio.ch;resolution:=optional,org.eclipse.jetty.npn;
version="[1,2)";resolution:=optional,org.eclipse.jetty.alpn;version="
[1,2)";resolution:=optional
Tool: Bnd-2.1.0.20130426-122213
Export-Package: io.netty.internal.tcnative;version="2.0.30.Final"
Bundle-Name: Netty/TomcatNative [BoringSSL
 - Static]
Bundle-Version: 2.0.30.Final
BoringSSL-Branch: chromium-stable
Bundle-NativeCode: META-INF/native/libnetty_tcnative.jnilib;osname=mac
osx;;processor=x86_64
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_232

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* /netty-tcnative-boringssl-static-2-0-30-final-sources-2-jar/io/netty/internal/tcnative/SSLContext.java
* /netty-tcnative-boringssl-static-2-0-30-final-sources-2-jar/io/netty/internal/tcnative/Library.java
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jar/io/netty/internal/tcnative/CertificateRequestedCallback.java

1.202 bouncycastle-fips 1.0.2.3

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END OF TERMS AND CONDITIONS

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program `Gnomovision' (a program to direct compilers to make passes
at assemblers) written by James Hacker.

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

That's all there is to it!

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The End

1.206 python-setuptools 45.2.0 1

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com
 to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python

releases have also been GPL-compatible; the table below summarizes
the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes

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Upstream-Name: liblz4
Upstream-Contact: Yann Collet <Cyan4973@github.com>
Source: https://github.com/lz4/lz4

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1.211 guava 31.1-jre

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/**
  * Returns an array containing all of the elements in the specified collection. This method
  * returns the elements in the order they are returned by the collection's iterator. The returned
  * array is "safe" in that no references to it are maintained by the collection. The caller is
  * thus free to modify the returned
 array.
  *
  * <p>This method assumes that the collection size doesn't change while the method is running.
  *
  * <p>TODO(kevinb): support concurrently modified collections?
  *
  * @param c the collection for which to return an array of elements
  */
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 /guava-31-1-jre-sources-jar/com/google/common/collect/TransformedIterator.java
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* /guava-31-1-jre-sources-jar/com/google/common/collect/SingletonImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableAsList.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/EmptyImmutableSetMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractIndexedListIterator.java
*
 /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSetMultimap.java

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* /guava-31-1-jre-sources-jar/com/google/common/reflect/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/base/ElementTypesAreNonnullByDefault.java
*
 /guava-31-1-jre-sources-jar/com/google/common/cache/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/xml/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/net/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/math/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/xml/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/ParametricNullness.java
*
 /guava-31-1-jre-sources-jar/com/google/common/math/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/html/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/base/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/html/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/net/ElementTypesAreNonnullByDefault.java

*
/guava-31-1-jre-sources-jar/com/google/common/eventbus/ParametricNullness.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ElementTypesAreNonnullByDefault.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/ParametricNullness.java
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* /guava-31-1-jre-sources-jar/com/google/common/hash/ImmutableSupplier.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionSequencer.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableSet.java
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*/
/*
  * This following method is a modified version of one found in
  * http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/test/tck/AbstractExecutorServiceTest.java?revision=1.30
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* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableMultisetGwtSerializationDependencies.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableNetwork.java
*
 /guava-31-1-jre-sources-jar/com/google/common/graph/NetworkConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/GraphConstants.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ElementOrder.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RangeGwtSerializationDependencies.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ArrayListMultimapGwtSerializationDependencies.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/DirectedNetworkConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedMultiNetworkConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/HashMultimapGwtSerializationDependencies.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/StandardMutableGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/UndirectedNetworkConnections.java
*
 /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractUndirectedNetworkConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ValueGraphBuilder.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MapRetrievalCache.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingNetwork.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MutableValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/GraphConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/NetworkBuilder.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/EndpointPair.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractDirectedNetworkConnections.java
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* /guava-31-1-jre-sources-jar/com/google/common/graph/ValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MultiEdgesConnecting.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/DirectedMultiNetworkConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MapIteratorCache.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractNetwork.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/CollectCollectors.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/DirectedGraphConnections.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/MoreCollectors.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ImmutableValueGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/GraphBuilder.java
* /guava-31-1-jre-sources-
jar/com/google/common/collect/LinkedHashMultimapGwtSerializationDependencies.java
*
 /guava-31-1-jre-sources-jar/com/google/common/graph/ForwardingGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/EndpointPairIterator.java
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*/
/**
* Holder for web specializations of methods of {@code Doubles}. Intended to be empty for regular
* version.
*/

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* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSortedMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularContiguousSet.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/ParseRequest.java
*

/guava-31-1-jre-sources-jar/com/google/common/cache/LoadingCache.java
* /guava-31-1-jre-sources-jar/com/google/common/net/HttpHeaders.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FutureCallback.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Uninterruptibles.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Crc32cHashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Enums.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListeningScheduledExecutorService.java
* /guava-31-1-jre-sources-jar/com/google/common/math/LongMath.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalListener.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractScheduledService.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedInts.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalCause.java
*
/guava-31-1-jre-sources-jar/com/google/common/base/Ticker.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Hasher.java
* /guava-31-1-jre-sources-jar/com/google/common/base/PairwiseEquivalence.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/BloomFilterStrategies.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/WrappingExecutorService.java
* /guava-31-1-jre-sources-jar/com/google/common/math/DoubleMath.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/Types.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/CacheBuilderSpec.java
* /guava-31-1-jre-sources-jar/com/google/common/math/IntMath.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/BoundType.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractNonStreamingHashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Funnel.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/BloomFilter.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncheckedExecutionException.java
*
/guava-31-1-jre-sources-jar/com/google/common/math/BigIntegerMath.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/EmptyContiguousSet.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/AbstractLoadingCache.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/TreeRangeSet.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/CacheLoader.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractCompositeHashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractListeningExecutorService.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionError.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CycleDetectingLockFactory.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Murmur3_32HashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AsyncFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/math/package-info.java
*
/guava-31-1-jre-sources-jar/com/google/common/cache/CacheStats.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedInteger.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedLong.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/HashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/Weigher.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingListeningExecutorService.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractStreamingHasher.java

* /guava-31-1-jre-sources-jar/com/google/common/cache/AbstractCache.java
* /guava-31-1-jre-sources-jar/com/google/common/net/MediaType.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/Cache.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Present.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedLongs.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FunctionalEquivalence.java
*
 /guava-31-1-jre-sources-jar/com/google/common/math/MathPreconditions.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/HashCode.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/ForwardingCache.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/DescendingImmutableSortedMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Murmur3_128HashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Absent.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/ForwardingLoadingCache.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Funnels.java
* /guava-31-1-jre-sources-jar/com/google/common/net/HostAndPort.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalListeners.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/PrimitiveSink.java
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 /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractHasher.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/MessageDigestHashFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/math/DoubleUtils.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingExecutorService.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/HashingOutputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/RemovalNotification.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/Hashing.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/package-info.java
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* /guava-31-1-jre-sources-jar/com/google/common/graph/package-info.java
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*/
/**
* Outer class that exists solely to let us write {@code Partially.GwtIncompatible} instead of plain
* {@code GwtIncompatible}. This is more accurate for {@link Futures#catching}, which is available
* under GWT but with a slightly different signature.
*
* <p>We can't use {@code PartiallyGwtIncompatible} because then the GWT compiler
 wouldn't recognize
* it as a {@code GwtIncompatible} annotation. And for {@code Futures.catching}, we need the GWT
* compiler to autostrip the normal server method in order to expose the special, inherited GWT
```

* version.
*/

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

Found in path(s):
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* /guava-31-1-jre-sources-jar/com/google/common/graph/Graph.java

* /guava-31-1-jre-sources-jar/com/google/common/io/RecursiveDeleteOption.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/Network.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/PredecessorsFunction.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ImmutableNetwork.java
*
 /guava-31-1-jre-sources-jar/com/google/common/io/InsecureRecursiveDeleteException.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MutableGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/ImmutableGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/TopKSelector.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/Graphs.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/MutableNetwork.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/SuccessorsFunction.java
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* /guava-31-1-jre-sources-jar/com/google/common/collect/GwtTransient.java
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```
*/
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  *
  * As of 2010/06/11, this method is identical to the (package private) hash method in OpenJDK 7's
  * java.util.HashMap
 class.
  */
```

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* /guava-31-1-jre-sources-jar/com/google/common/collect/CompactHashing.java
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* /guava-31-1-jre-sources-jar/com/google/common/io/ByteArrayDataOutput.java
* /guava-31-1-jre-sources-jar/com/google/common/xml/XmlEscapers.java
* /guava-31-1-jre-sources-jar/com/google/common/io/LineProcessor.java
*
 /guava-31-1-jre-sources-jar/com/google/common/collect/DenseImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/LocalCache.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/JdkFutureAdapters.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/Escapers.java
* /guava-31-1-jre-sources-jar/com/google/common/annotations/GwtIncompatible.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/Platform.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractIdleService.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/UnsignedBytes.java
* /guava-31-1-jre-sources-jar/com/google/common/net/HostSpecifier.java
* /guava-31-1-jre-sources-jar/com/google/common/net/InternetDomainName.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedCharEscaper.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Splitter.java
* /guava-31-1-jre-sources-jar/com/google/common/net/UrlEscapers.java
*
 /guava-31-1-jre-sources-jar/com/google/common/base/Platform.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedUnicodeEscaper.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/MapMaker.java
* /guava-31-1-jre-sources-jar/com/google/common/html/HtmlEscapers.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ByteArrayDataInput.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/ArrayBasedEscaperMap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/MapMakerInternalMap.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Callables.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeResolver.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractExecutionThreadService.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Service.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingFluentFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SettableFuture.java
*
 /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractService.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Cut.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/SparseImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingListenableFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableTable.java
* /guava-31-1-jre-sources-jar/com/google/common/annotations/GwtCompatible.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/CacheBuilder.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/SignedBytes.java

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

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*/
/**
  * Not supported. <b>You are attempting to create a map that may contain a non-{@code Comparable}
  * key.</b> Proper calls will resolve to the version in {@code ImmutableSortedMap}, not this dummy
  * version.
  *
  * @throws UnsupportedOperationException always
  * @deprecated <b>Pass a key of type {@code Comparable}
```

to use {@link
 *   ImmutableSortedMap#of(Comparable, Object)}.
 */

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* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMapFauxverideShim.java
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* /guava-31-1-jre-sources-jar/com/google/common/base/JdkPattern.java
* /guava-31-1-jre-sources-jar/com/google/common/base/CommonMatcher.java
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* /guava-31-1-jre-sources-jar/com/google/common/collect/BaseImmutableMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/IndexedImmutableSet.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/JdkBackedImmutableBiMap.java
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* /guava-31-1-jre-sources-jar/com/google/common/graph/BaseGraph.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ClosingFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/graph/AbstractBaseGraph.java
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```
/**
* Holder for web specializations of methods of {@code Shorts}. Intended to be empty for regular
* version.
*/
```

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* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CombinedFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AggregateFutureState.java
*
 /guava-31-1-jre-sources-jar/com/google/common/hash/LittleEndianByteArray.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/InterruptibleTask.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AsyncCallable.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Platform.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/FarmHashFingerprint64.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ReaderInputStream.java
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* /guava-31-1-jre-sources-jar/com/google/common/collect/SortedIterables.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractRangeSet.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Count.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/SortedIterable.java
*
 /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingSortedMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RegularImmutableSortedMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/RangeSet.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableSortedMultisetFauxverideShim.java
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* /guava-31-1-jre-sources-jar/com/google/common/primitives/Longs.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Chars.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Converter.java
* /guava-31-1-jre-sources-jar/com/google/common/net/PercentEscaper.java
*
 /guava-31-1-jre-sources-jar/com/google/common/primitives/Bytes.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/UnicodeEscaper.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Stopwatch.java
* /guava-31-1-jre-sources-jar/com/google/common/io/MultiReader.java
* /guava-31-1-jre-sources-jar/com/google/common/escape/Escaper.java
* /guava-31-1-jre-sources-jar/com/google/common/io/FileBackedOutputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/CharMatcher.java

* /guava-31-1-jre-sources-jar/com/google/common/primitives/Floats.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Ints.java
* /guava-31-1-jre-sources-jar/com/google/common/net/InetAddresses.java
* /guava-31-1-jre-sources-jar/com/google/common/base/internal/Finalizer.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Shorts.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Booleans.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListenableFutureTask.java
*
 /guava-31-1-jre-sources-jar/com/google/thirdparty/publicsuffix/TrieParser.java
* /guava-31-1-jre-sources-jar/com/google/common/primitives/Doubles.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SequentialExecutor.java
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/*
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  */

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* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeToken.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AggregateFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncheckedTimeoutException.java
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 /guava-31-1-jre-sources-jar/com/google/common/escape/CharEscaperBuilder.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Futures.java
* /guava-31-1-jre-sources-jar/com/google/common/base/CaseFormat.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/SimpleTimeLimiter.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/TimeoutFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/io/AppendableWriter.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractTransformFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/TimeLimiter.java
* /guava-31-1-jre-sources-jar/com/google/common/annotations/VisibleForTesting.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/CollectionFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FuturesGetChecked.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/GwtFluentFutureCatchingSpecialization.java
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* /guava-31-1-jre-sources-jar/com/google/common/escape/CharEscaper.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/GwtFuturesCatchingSpecialization.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/FluentFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ImmediateFuture.java
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* /guava-31-1-jre-sources-jar/com/google/common/base/Function.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/Subscribe.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ByteStreams.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Predicates.java
*
 /guava-31-1-jre-sources-jar/com/google/common/eventbus/AsyncEventBus.java
* /guava-31-1-jre-sources-jar/com/google/common/io/LittleEndianDataOutputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Supplier.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Preconditions.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Charsets.java
* /guava-31-1-jre-sources-jar/com/google/common/io/LineBuffer.java
* /guava-31-1-jre-sources-jar/com/google/common/io/MultiInputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Functions.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizablePhantomReference.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Flushables.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableReference.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/DirectExecutor.java
* /guava-31-1-jre-sources-jar/com/google/common/io/LineReader.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/AbstractFuture.java
*
 /guava-31-1-jre-sources-jar/com/google/common/collect/EnumMultiset.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/HashBiMap.java

* /guava-31-1-jre-sources-jar/com/google/common/base/Objects.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Throwables.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CharStreams.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/AllowConcurrentEvents.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CountingOutputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/Interners.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Predicate.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Closeables.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Resources.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableSoftReference.java
*
 /guava-31-1-jre-sources-jar/com/google/common/io/LittleEndianDataInputStream.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableWeakReference.java
* /guava-31-1-jre-sources-jar/com/google/common/base/FinalizableReferenceQueue.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Suppliers.java
* /guava-31-1-jre-sources-jar/com/google/common/base/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/DeadEvent.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ExecutionList.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListenableFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/io/Files.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/EventBus.java
* /guava-31-1-jre-sources-jar/com/google/common/io/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CountingInputStream.java
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 /guava-31-1-jre-sources-jar/com/google/common/base/Defaults.java
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* /guava-31-1-jre-sources-jar/com/google/common/net/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/SortedLists.java
*
/guava-31-1-jre-sources-jar/com/google/common/util/concurrent/UncaughtExceptionHandlers.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Strings.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ThreadFactoryBuilder.java
* /guava-31-1-jre-sources-jar/com/google/common/annotations/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ContiguousSet.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ForwardingBlockingQueue.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/Atomics.java
* /guava-31-1-jre-sources-jar/com/google/common/annotations/Beta.java
* /guava-31-1-jre-sources-jar/com/google/common/base/Equivalence.java
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* /guava-31-1-jre-sources-jar/com/google/thirdparty/publicsuffix/PublicSuffixType.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/HashingInputStream.java
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/guava-31-1-jre-sources-jar/com/google/common/base/Utf8.java
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* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeVisitor.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/AbstractTable.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionContext.java
* /guava-31-1-jre-sources-jar/com/google/common/eventbus/SubscriberExceptionHandler.java
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* /guava-31-1-jre-sources-jar/com/google/common/collect/NullnessCasts.java
* /guava-31-1-jre-sources-jar/com/google/common/base/NullnessCasts.java
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/**
* Holder for extra methods of {@code Objects} only in web. Intended to be empty for regular
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*/
```

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* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/RateLimiter.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/Invokable.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/AbstractInvocationHandler.java
*
 /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableRangeMap.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/Parameter.java
* /guava-31-1-jre-sources-jar/com/google/common/io/ByteSink.java
* /guava-31-1-jre-sources-jar/com/google/common/math/Stats.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/package-info.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/LongAddables.java
* /guava-31-1-jre-sources-jar/com/google/common/cache/LongAddables.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/CartesianList.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CharSink.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/ClassPath.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ImmutableRangeSet.java
* /guava-31-1-jre-sources-jar/com/google/common/io/BaseEncoding.java
* /guava-31-1-jre-sources-jar/com/google/common/util/concurrent/ListenableScheduledFuture.java
* /guava-31-1-jre-sources-jar/com/google/common/hash/AbstractByteHasher.java
*
 /guava-31-1-jre-sources-jar/com/google/common/io/Closer.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/ImmutableTypeToInstanceMap.java
* /guava-31-1-jre-sources-jar/com/google/common/math/StatsAccumulator.java
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 /guava-31-1-jre-sources-jar/com/google/common/collect/FilteredKeyMultimap.java
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* /guava-31-1-jre-sources-jar/com/google/common/reflect/TypeToInstanceMap.java
* /guava-31-1-jre-sources-jar/com/google/common/math/PairedStatsAccumulator.java
* /guava-31-1-jre-sources-jar/com/google/common/reflect/MutableTypeToInstanceMap.java
* /guava-31-1-jre-sources-jar/com/google/common/io/CharSource.java
* /guava-31-1-jre-sources-jar/com/google/common/io/FileWriteMode.java
* /guava-31-1-jre-sources-jar/com/google/common/math/LinearTransformation.java

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* /guava-31-1-jre-sources-jar/com/google/common/primitives/ImmutableLongArray.java
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* /guava-31-1-jre-sources-jar/com/google/common/collect/MinMaxPriorityQueue.java

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/guava-31-1-jre-sources-jar/com/google/common/collect/AbstractSequentialIterator.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/UnmodifiableListIterator.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/ForwardingListMultimap.java
* /guava-31-1-jre-sources-jar/com/google/common/collect/SortedMapDifference.java
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1.213 log4j-jcl 2.17.2

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1.215 error_prone_annotations 2.11.0

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1.216 gson 2.9.0

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* /gson-2-9-0-sources-jar/com/google/gson/ExclusionStrategy.java
* /gson-2-9-0-sources-jar/com/google/gson/JsonParseException.java
*
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* /gson-2-9-0-sources-jar/com/google/gson/JsonIOException.java
* /gson-2-9-0-sources-jar/com/google/gson/JsonObject.java
* /gson-2-9-0-sources-jar/com/google/gson/InstanceCreator.java
* /gson-2-9-0-sources-jar/com/google/gson/internal/Primitives.java
* /gson-2-9-0-sources-jar/com/google/gson/JsonNull.java
* /gson-2-9-0-sources-jar/com/google/gson/annotations/SerializedName.java
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* /gson-2-9-0-sources-jar/com/google/gson/FieldNamingStrategy.java
* /gson-2-9-0-sources-jar/com/google/gson/Gson.java
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* /gson-2-9-0-sources-jar/com/google/gson/JsonSerializationContext.java
* /gson-2-9-0-sources-jar/com/google/gson/annotations/Since.java
* /gson-2-9-0-sources-jar/com/google/gson/JsonDeserializer.java
*
 /gson-2-9-0-sources-jar/com/google/gson/reflect/TypeToken.java
* /gson-2-9-0-sources-jar/com/google/gson/internal/ObjectConstructor.java
* /gson-2-9-0-sources-jar/com/google/gson/internal/bind/DefaultDateTypeAdapter.java
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* /gson-2-9-0-sources-jar/com/google/gson/internal/sql/SqlDateTypeAdapter.java
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1.218 zlib 1.2.11.dfsg-2ubuntu1.3

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1.219 simpleclient-servlet 0.15.0

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1.220 simpleclient_servlet_common 0.15.0

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Manifest-Version: 1.0
Bnd-LastModified: 1644098918285
Build-Jdk: 11.0.13
Built-By: fabian
Bundle-Description: HTTP servlet exporter for the simpleclient.
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Prometheus Java Simpleclient Servlet - Common
Bundle-SymbolicName: io.prometheus.simpleclient_servlet_common
Bundle-Version: 0.15.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.prometheus.client.servlet.common.filter;uses:="io.pro
metheus.client.servlet.common.adapter";version="0.15.0",io.prometheus.c
lient.servlet.common.adapter;version="0.15.0",io.prometheus.client.serv
let.common.exporter;uses:="io.prometheus.client,io.prometheus.client.se
rvlet.common.adapter";version="0.15.0"
Import-Package: io.prometheus.client;version="[0.15,1)",io.prometheus.cl
ient.exporter.common;version="[0.15,1)"
Tool: Bnd-2.1.0.20130426-122213

Found
 in path(s):
* /simpleclient-servlet-common-0-15-0-jar/META-INF/MANIFEST.MF

1.221 simpleclient-common 0.15.0

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1.222 json-smart 2.4.8

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Found in path(s):
* /json-smart-2-4-8-1-jar/META-INF/maven/net.minidev/json-smart/pom.xml
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Manifest-Version: 1.0
Bnd-LastModified: 1644737862078
Build-Jdk: 11.0.14
Built-By: uriel
Bundle-Description: JSON (JavaScript Object Notation) is a lightweight
 data-interchange format. It is easy for humans to read and write. It
 is easy for machines to parse and generate. It is based on a subset
of the JavaScript Programming Language, Standard ECMA-262 3rd Edition
 - December 1999. JSON is a text format that is completely language i
ndependent but uses conventions that are familiar to programmers of t
he C-family of languages, including C, C++, C#, Java, JavaScript, Per
l, Python, and many others. These properties make JSON an ideal data-
interchange language.
Bundle-DocURL: https://urielch.github.io/
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: json-smart
Bundle-SymbolicName: net.minidev.json-smart
Bundle-Vendor: Chemouni Uriel
Bundle-Version:
 2.4.8
Created-By: Apache Maven Bundle Plugin
Export-Package: net.minidev.json;uses:="net.minidev.asm,net.minidev.js
on.parser,net.minidev.json.reader,net.minidev.json.writer";version="2
.4.8",net.minidev.json.annotate;version="2.4.8",net.minidev.json.pars
er;uses:="net.minidev.json.writer";version="2.4.8",net.minidev.json.r
eader;uses:="net.minidev.json";version="2.4.8",net.minidev.json.write
r;uses:="net.minidev.json,net.minidev.json.parser";version="2.4.8"
Import-Package: net.minidev.asm;version="[2.4,3)",net.minidev.json,net
.minidev.json.annotate,net.minidev.json.parser,net.minidev.json.reade
r,net.minidev.json.writer
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.8))"
Tool: Bnd-5.1.1.202006162103

Found in path(s):

* /json-smart-2-4-8-1-jar/META-INF/MANIFEST.MF

1.223 python-setuptools 8.8.0

1.223.1 Available under license :

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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com
 to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
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the PSF.

All Python releases are Open Source (see http://www.opensource.org for

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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes

Footnotes:

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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1.224 tar 1.30+dfsg 7ubuntu0.20.04.2

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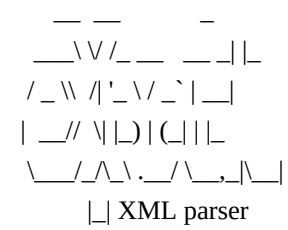
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Version 3, 29 June 2007

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1.230 py3-contextlib 21.6.0-r2

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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives
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in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
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2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
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3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes

3.1.4	3.1.3	2011	PSF	yes
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1.231 py3-parsing 2.4.7-r3

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1.232 py3-retrying 1.3.3-r3

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1.233 py3-ordered-set 4.0.2-r3

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1.234 nghttp2 1.47.0-r0

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set terminal pngcairo font 'Sans, 8' lw 1 size 1400,1024
set xtics rotate by -45
set style histogram errorbars gap 2 lw 1
set style fill solid border -1
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1.235 py3-appdirs 1.4.4-r3

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1.236 gdbm 1.23-r0

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1.237 zlib 1.2.11.dfsg-2ubuntu1.3

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1.238 python 3.8.10

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands

as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
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2.0	1.6	2000	BeOpen.com	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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1.241 failsafe 2.4.4

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 /failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/FallbackExecutor.java
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* /failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/FailurePolicy.java
* /failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/event/ExecutionCompletedEvent.java
* /failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/TimeoutExecutor.java
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* /failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/internal/EventListener.java
* /failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/PolicyExecutor.java
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 /failsafe-2-4-4-sources-1-jar/net/jodah/failsafe/event/ExecutionAttemptedEvent.java
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1.243 libnsl 2.31

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1.245 ipaddr 2.2.0

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1.246 progress 1.5

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1.247 protobuf-java 3.20.0

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Found in path(s):
* /protobuf-java-3-20-0-jar/google/protobuf/any.proto
* /protobuf-java-3-20-0-jar/google/protobuf/wrappers.proto
* /protobuf-java-3-20-0-jar/google/protobuf/source_context.proto
* /protobuf-java-3-20-0-jar/google/protobuf/compiler/plugin.proto
* /protobuf-java-3-20-0-jar/google/protobuf/api.proto
*
 /protobuf-java-3-20-0-jar/google/protobuf/timestamp.proto
* /protobuf-java-3-20-0-jar/google/protobuf/descriptor.proto
* /protobuf-java-3-20-0-jar/google/protobuf/type.proto
* /protobuf-java-3-20-0-jar/google/protobuf/empty.proto
* /protobuf-java-3-20-0-jar/google/protobuf/field_mask.proto
* /protobuf-java-3-20-0-jar/google/protobuf/duration.proto
* /protobuf-java-3-20-0-jar/google/protobuf/struct.proto
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Manifest-Version: 1.0
Automatic-Module-Name: com.google.protobuf
Bnd-LastModified: 1649089465767
Build-Jdk: 1.8.0_181-google-v7
Built-By: mkruskal
Bundle-Description: Core Protocol Buffers library. Protocol Buffers are
a way of encoding structured data in an efficient yet extensible for
mat.
Bundle-DocURL: https://developers.google.com/protocol-buffers/
Bundle-License: https://opensource.org/licenses/BSD-3-Clause
Bundle-ManifestVersion: 2
Bundle-Name: Protocol Buffers [Core]
Bundle-SymbolicName: com.google.protobuf
Bundle-Version: 3.20.0
Created-By: Apache Maven Bundle Plugin
Export-Package: com.google.protobuf;version="3.20.0"
Import-Package: sun.misc;resolution:=optional,com.google.protobuf;versio
n="[3.20,4)"
Require-Capability: osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.0.0.201509101326

Found in path(s):
* /protobuf-java-3-20-0-jar/META-INF/MANIFEST.MF

1.248 retrying 1.3.3

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1.249 pkg_resources 0.0.0

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Metadata-Version: 2.0
Name: pkg_resources
Version: 0.0.0
Summary: UNKNOWN
Home-page: UNKNOWN
Author: UNKNOWN
Author-email: UNKNOWN
License: UNKNOWN
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Found in path(s):
* /pkg-resources-0-0-0-dist-info-zip/inputdir/packages_extracted/wheel/103/pkg_resources-0.0.0.dist-info/METADATA

1.250 protobuf-java-util 3.20.0

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Manifest-Version: 1.0
Automatic-Module-Name: com.google.protobuf.util
Bnd-LastModified: 1649089554487
Build-Jdk: 1.8.0_181-google-v7
Built-By: mkruskal
Bundle-Description: Utilities for Protocol Buffers
Bundle-DocURL: https://developers.google.com/protocol-buffers/
Bundle-License: https://opensource.org/licenses/BSD-3-Clause
Bundle-ManifestVersion: 2
Bundle-Name: Protocol Buffers [Util]
Bundle-SymbolicName: com.google.protobuf.util
Bundle-Version: 3.20.0
Created-By: Apache Maven Bundle Plugin
Export-Package: com.google.protobuf.util;version="3.20.0";uses:="com.goo
gle.protobuf,javax.annotation"
Import-Package: com.google.common.base;version="[30.1,31)",com.google.co
mmon.io;version="[30.1,31)",com.google.common.math;version="[30.1,31)",
com.google.common.primitives;version="[30.1,31)",com.google.gson;versio
n="[2.8,3)",com.google.gson.stream;version="[2.8,3)",com.google.protobu
f;version="[3.20,4)",javax.annotation;version="[3.0,4)"
Require-Capability:
 osgi.ee;filter:="(&(osgi.ee=JavaSE)(version=1.7))"
Tool: Bnd-3.0.0.201509101326

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1.251 more-itertools 8.13.0

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1.252 glibc 2.31-0ubuntu9.9

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1.255 jackson-annotations 2.13.3

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*/

 /*****************************************************************************
  *
  * This file is based on code from bdf.c,v 1.22 2000/03/16 20:08:50
  *
```

```
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 *
 */

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The Unicode Standard, Unicode Character Database, Version 10.0.0

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Ext headers GL/glext.h Khronos
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****

---
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Mesa 3-D
graphics library

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1.261 python-pip 22.1.1

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

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
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releases have also been GPL-compatible; the table below summarizes
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Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no

2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
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2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to

BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
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2.4.2	2.4.1	2005	PSF	yes
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2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes

2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
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History

Before (and including) argparse 1.1, the argparse package was licensed under
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After argparse 1.1, all project files from the argparse project were deleted
due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from
Python 2.7.1, so definitely all files are under Python License now.
A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
 of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no

2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1	2001-now		PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

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

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1.262 drill 1.8.1-r0

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1.263 py3-pep 0.12.0-r2

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1.265 libintl 0.21-r2

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1.266 bash 5.1.16-r2

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1.271 py3-more-itertools 8.13.0-r0

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1.273 py3-setuptools 59.4.0-r0

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1.274 ldns 1.8.1-r0

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1.276 gettext 0.21-r2

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@page
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@var{signature of Ty Coon}, 1 April 1990
Ty Coon, President of Vice
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@end iftex
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@center END OF TERMS AND CONDITIONS

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@page
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@var{signature of Ty Coon}, 1 April 1989
Ty Coon, President of Vice
@end example

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^L
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* /vertx-grpc-4-2-7-sources-jar/io/vertx/grpc/VertxChannelBuilder.java
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* /vertx-grpc-4-2-7-sources-jar/io/vertx/grpc/package-info.java

1.284 perfmark-api 0.25.0

1.284.1 Available under license :

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1.285 grpc-grpclb 1.46.0

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* /grpc-grpclb-1-46-0-jar/grpc/lb/v1/load_balancer.proto

1.286 py3-pip 22.1.1-r0

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file (certdata.txt). This file can be found in the mozilla source tree:
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
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releases have also been GPL-compatible; the table below summarizes

the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice
of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
is "not incompatible" with the GPL.

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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes

3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
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1.6.1	1.6	2001	CNRI	yes (2)
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1		2001-now	PSF	yes

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These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

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This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

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

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

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- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
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- javaee_web_services_1_4.xsd
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- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
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1.302 libc-utils 0.7.2-r3

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 /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ArrayToObjectConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/cglib/SpringCglibInfo.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ArrayToStringConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToCollectionConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ObjectToStringConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/converter/ConditionalConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/ExceptionTypeFilter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/PropertiesToStringConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ArrayToCollectionConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/StaxStreamHandler.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/type/filter/AbstractClassTestingTypeFilter.java
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* /spring-core-5-3-21-sources-jar/org/springframework/asm/FieldWriter.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/ClassTooLargeException.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/ModuleVisitor.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/asm/ClassReader.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/TypeReference.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/ByteVector.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Symbol.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/ClassWriter.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Opcodes.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Handle.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/AnnotationVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Attribute.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Context.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Edge.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/TypePath.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Label.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/asm/ClassVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/CurrentFrame.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/MethodTooLargeException.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/RecordComponentWriter.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/FieldVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/ModuleWriter.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/MethodWriter.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/RecordComponentVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/SymbolTable.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/AnnotationWriter.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Handler.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/Type.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/ConstantDynamic.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/asm/MethodVisitor.java
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* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToLocaleConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/ClassUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MergedAnnotations.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/DataBufferUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/task/TaskTimeoutException.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/SimpleAliasRegistry.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationTypeMappings.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/StringUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/TypeUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/CoroutinesUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/AbstractFileResolvingResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/task/TaskRejectedException.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/SerializationUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/ResolvableType.java
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 /spring-core-5-3-21-sources-jar/org/springframework/core/log/CompositeLog.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/SocketUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/Resource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/task/SimpleAsyncTaskExecutor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ObjectToObjectConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/XmlValidationModeDetector.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationTypeMapping.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/AbstractResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/task/support/TaskExecutorAdapter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AttributeMethods.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/annotation/SynthesizedMergedAnnotationInvocationHandler.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/ResourcePatternResolver.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/Property.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/unit/DataSize.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/DefaultPropertiesPersister.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/AbstractEnvironment.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/NestedIOException.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/LocalVariableTableParameterNameDiscoverer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/UrlResource.java
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* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotatedElementUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/cglib/core/ClassLoaderAwareGeneratorStrategy.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/PriorityOrdered.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/IntegerToEnumConverterFactory.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MergedAnnotationSelectors.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/SpringVersion.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/NettyDataBuffer.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/SimpleRouteMatcher.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/ReactiveAdapter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MissingMergedAnnotation.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/DataBufferDecoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/DataBufferEncoder.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/type/classreading/AnnotationAttributesReadingVisitor.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/PackagesAnnotationFilter.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/type/classreading/RecursiveAnnotationAttributesVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/classreading/ClassMetadataReadingVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/Ordered.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/IntrospectionFailureLogger.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/PropertyResolverExtensions.kt
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/RepeatableContainers.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/AbstractStaxXMLReader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/classreading/SimpleMetadataReader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/ByteArrayDecoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/AnnotationMetadata.java
*
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/spring-core-5-3-21-sources-jar/org/springframework/util/xml/StaxUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/AnnotatedTypeMetadata.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AbstractMergedAnnotation.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/DataBuffer.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/type/classreading/RecursiveAnnotationArrayVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/lang/NonNull.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/AbstractDecoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/lang/NonNullFields.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/log/LogMessage.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/type/classreading/AbstractRecursiveAnnotationVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/MultiValueMap.java
*
/spring-core-5-3-21-sources-jar/org/springframework/core/annotation/SynthesizingMethodParameter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/ResourcePatternUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MergedAnnotationSelector.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/classreading/AnnotationReadingVisitorUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/AbstractEncoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/DataBufferWrapper.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/AbstractDataBufferDecoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/DecoratingProxy.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/ResourceEncoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MergedAnnotationPredicates.java
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/spring-core-5-3-21-sources-jar/org/springframework/core/codec/CharSequenceEncoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/style/DefaultValueStyler.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/filter/AbstractTypeHierarchyTraversingFilter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/filter/AnnotationTypeFilter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/Base64Utils.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/PathMatcher.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/PropertiesPropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/PathResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/ByteArrayEncoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/MethodInvoker.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/unit/DataUnit.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/TransformerUtils.java
*
/spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationAwareOrderComparator.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ConversionUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/ByteBufferDecoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/lang/Nullable.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/BridgeMethodResolver.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/FileSystemResource.java
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org.springframework.core.ReactiveAdapterRegistry$SpringCoreBlockHoundIntegration

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* /spring-core-5-3-21-sources-jar/org/springframework/core/SerializableTypeWrapper.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/log/LogDelegateFactory.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/metrics/DefaultApplicationStartup.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationsProcessor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/NativeDetector.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/ObjectUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/ResourceLoader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/AttributeAccessor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/SmartClassLoader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/Constants.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/DefaultParameterNameDiscoverer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/DefaultDataBuffer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/ValueExtractor.java
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jar/org/springframework/core/type/classreading/SimpleMethodMetadataReadingVisitor.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/type/classreading/MergedAnnotationReadingVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/Decoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/InputStreamSource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/SimpleCommandLinePropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/ByteArrayResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/metrics/jfr/FlightRecorderApplicationStartup.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/ReflectionUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/TypeDescriptor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/classreading/SimpleMethodMetadata.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/ConcurrentLruCache.java
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/spring-core-5-3-21-sources-jar/org/springframework/core/codec/Encoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/LinkedCaseInsensitiveMap.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/log/LogFormatUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/StandardEnvironment.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/type/classreading/SimpleAnnotationMetadataReadingVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/AntPathMatcher.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/PatternMatchUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/StaxEventXMLReader.java
* /spring-core-5-3-21-sources-jar/org/springframework/asm/SpringAsmInfo.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationAttributes.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/StopWatch.java
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/spring-core-5-3-21-sources-jar/org/springframework/core/io/ClassPathResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/CommandLinePropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/CollectionFactory.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/ConcurrentReferenceHashMap.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/ReactiveAdapterRegistry.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/LimitedDataBufferList.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationFilter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/SpringProperties.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/MethodMetadata.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/StandardMethodMetadata.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/DataBufferLimitException.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/StandardAnnotationMetadata.java
*
/spring-core-5-3-21-sources-jar/org/springframework/core/type/classreading/SimpleAnnotationMetadata.java
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* /spring-core-5-3-21-sources-jar/org/springframework/core/log/LogAccessor.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/StaxStreamXMLReader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/PropertiesLoaderSupport.java
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 /spring-core-5-3-21-sources-jar/org/springframework/util/CollectionUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/GenericConversionService.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/converter/ConvertingComparator.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/concurrent/MonoToListenableFutureAdapter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/OrderComparator.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/SystemPropertyUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToCharacterConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/PropertiesPersister.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/ResourcePropertiesPersister.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/backoff/ExponentialBackOff.java
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 /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/MapToMapConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/SortedProperties.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/EnumerablePropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/FileUrlResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/task/TaskDecorator.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/MethodParameter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/MimeTypeUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/Hints.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/AttributeAccessorSupport.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToEnumConverterFactory.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationsScanner.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/PathMatchingResourcePatternResolver.java
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 /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/PropertySourceFactory.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/PropertyResolver.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MergedAnnotationsCollection.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/TypeMappedAnnotation.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/metrics/jfr/FlightRecorderStartupEvent.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToNumberConverterFactory.java

* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/PropertiesLoaderUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/SpringFactoriesLoader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/ResourceRegionEncoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/metrics/StartupStep.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/util/MultiValueMapAdapter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/NettyByteBufEncoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/StreamUtils.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/convert/support/NumberToNumberConverterFactory.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/converter/Converter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/GenericTypeResolver.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/ProfilesParser.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/TypeMappedAnnotations.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/CustomizableThreadCreator.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/SimpleIdGenerator.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/serializer/Serializer.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/AliasRegistry.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/OrderUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/MimeType.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MergedAnnotation.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/DefaultDataBufferFactory.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/AbstractPropertyResolver.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/comparator/InstanceComparator.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/serializer/Deserializer.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/FileSystemUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/metrics/ApplicationStartup.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToBooleanConverter.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/env/PropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/ReactiveTypeDescriptor.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/FileCopyUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/DefaultResourceLoader.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/Assert.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/MapPropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/MergedAnnotationCollectors.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/Conventions.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/IdGenerator.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/KotlinDetector.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/buffer/PooledDataBuffer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/serializer/support/SerializingConverter.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/type/classreading/MethodMetadataReadingVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/ResourceDecoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/FastByteArrayOutputStream.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/MutablePropertySources.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/NettyByteBufDecoder.java

* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/StringDecoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/DigestUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToUUIDConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/concurrent/ListenableFutureCallbackRegistry.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/LinkedMultiValueMap.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/env/Profiles.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/AbstractSingleValueEncoder.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/SimpleCommandLineArgsParser.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/type/classreading/AnnotationMetadataReadingVisitor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/PrioritizedParameterNameDiscoverer.java
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* /spring-core-5-3-21-sources-jar/org/springframework/core/type/filter/AspectJTypeFilter.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/lang/NonNullApi.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/KotlinReflectionParameterNameDiscoverer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/ConverterNotFoundException.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/DefaultConversionService.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StreamConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/ResourceEditor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/serializer/DefaultDeserializer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/DecodingException.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/CollectionToObjectConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/type/ClassMetadata.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/MissingRequiredPropertiesException.java

*
/spring-core-5-3-21-sources-jar/org/springframework/core/env/CompositePropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/ConversionFailedException.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/StaxResult.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/converter/GenericConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/ConversionService.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ArrayToArrayConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/AbstractStaxHandler.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/codec/EncodingException.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/WritableResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/ResolvableTypeProvider.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/MethodClassKey.java
*
/spring-core-5-3-21-sources-jar/org/springframework/core/style/DefaultToStringStyler.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/DecoratingClassLoader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/IdToEntityConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/EnvironmentCapable.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/Order.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/InvalidMimeTypeException.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/NestedExceptionUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/VfsPatternUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/xml/AbstractXMLReader.java
* /spring-core-5-3-21-sources-
jar/org/springframework/core/convert/support/AbstractConditionalEnumConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/concurrent/ListenableFutureAdapter.java
*
/spring-core-5-3-21-sources-jar/org/springframework/util/NumberUtils.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/concurrent/FutureAdapter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/EncodedResource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/support/DefaultPropertySourceFactory.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/io/FileSystemResourceLoader.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/StandardReflectionParameterNameDiscoverer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ObjectToArrayConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToArrayConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/StringValueResolver.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/style/ToStringStyler.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/ConvertingPropertyEditorAdapter.java
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/spring-core-5-3-21-sources-jar/org/springframework/core/codec/CodecException.java
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* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/FallbackObjectToStringConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/serializer/DefaultSerializer.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToCharsetConverter.java
*
 /spring-core-5-3-21-sources-jar/org/springframework/core/serializer/support/DeserializingConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/JdkIdGenerator.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/env/SystemEnvironmentPropertySource.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/SynthesizedAnnotation.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/ResizableByteArrayOutputStream.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AliasFor.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/converter/ConditionalGenericConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/convert/support/StringToCurrencyConverter.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/serializer/support/SerializationDelegate.java
* /spring-core-5-3-21-sources-jar/org/springframework/util/AlternativeJdkIdGenerator.java
* /spring-core-5-3-21-sources-jar/org/springframework/core/annotation/AnnotationConfigurationException.java
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* /spring-core-5-3-21-sources-jar/org/springframework/cglib/beans/BulkBeanException.java
* /spring-core-5-3-21-sources-jar/org/springframework/cglib/beans/BulkBean.java

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* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/Caching.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationUtils.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheEvaluationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/groovy/GroovyObjectCustomizer.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/config/AbstractPropertyLoadingBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/Parser.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/Printer.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiPropertySource.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/KeyGenerator.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/SimpleKeyGenerator.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/DurationFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/PeriodFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/MonthDayFormatter.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/YearMonthFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiLocatorDelegate.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiClientInterceptorUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/ExecutorBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/support/FormatterPropertyEditorAdapter.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/config/PropertyOverrideBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Primary.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/StandardScriptUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/GenericXmlApplicationContext.java
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jar/org/springframework/instrument/classloading/weblogic/WebLogicLoadTimeWeaver.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/bsh/BshScriptFactory.java

* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScopeMetadataResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CacheEvict.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/CompositeCacheManager.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/TemporalAccessorPrinter.java
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jar/org/springframework/jmx/export/annotation/ManagedOperationParameters.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/Model.java
* /spring-context-5-3-21-sources-
jar/org/springframework/validation/beanvalidation/LocalValidatorFactoryBean.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/MBeanExporter.java
* /spring-context-5-3-21-sources-jar/org/springframework/stereotype/Controller.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/annotation/ManagedOperationParameter.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/DataBinder.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/annotation/AnnotationJmxAttributeSource.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/support/PropertySourcesPlaceholderConfigurer.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/NotificationListenerRegistrar.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/annotation/ManagedNotifications.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/JmxUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/annotation/ManagedNotification.java
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 /spring-context-5-3-21-sources-jar/org/springframework/context/i18n/SimpleLocaleContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ConcurrentTaskExecutor.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/StandardScriptFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/ScheduledTask.java

* /spring-context-5-3-21-sources-jar/org/springframework/stereotype/Service.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ThreadPoolTaskExecutor.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/LoggingCacheErrorHandler.java
* /spring-context-5-3-21-sources-jar/org/springframework/stereotype/Repository.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/ExtendedModelMap.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/annotation/AnnotationMBeanExporter.java
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 /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/naming/MetadataNamingStrategy.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ThreadPoolTaskScheduler.java
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* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Role.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/StandardScriptEvalException.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/format/number/money/CurrencyUnitFormatter.java
* /spring-context-5-3-21-sources-
jar/org/springframework/scheduling/config/AnnotationDrivenBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteTimeoutException.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/MonthDayFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/EventListenerFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CacheConfig.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/PeriodFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/number/PercentStyleFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/config/LangNamespaceHandler.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/YearMonthFormatter.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/scripting/ScriptEvaluator.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/DurationFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ImportResource.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/annotation/ManagedMetric.java
* /spring-context-5-3-21-sources-
jar/org/springframework/validation/beanvalidation/SpringConstraintValidatorFactory.java

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 /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/DateTimeFormatterFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/MessageSourceResolvable.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/EmbeddedValueResolutionSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/concurrent/ConcurrentMapCacheFactoryBean.java
* /spring-context-5-3-21-sources-
jar/org/springframework/instrument/classloading/SimpleInstrumentableClassLoader.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/MBeanProxyFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/MethodInvokingRunnable.java
* /spring-context-5-3-21-sources-
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* /spring-context-5-3-21-sources-
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 /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/FixedDelayTask.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/DateTimeFormatterFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/config/MBeanExportBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/ManagedMetric.java
* /spring-context-5-3-21-sources-
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* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/IntervalTask.java
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* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheErrorHandler.java

* /spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/SimpleLoadTimeWeaver.java
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* /spring-context-5-3-21-sources-jar/org/springframework/context/i18n/SimpleTimeZoneAwareLocaleContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteExporter.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/bsh/BshScriptEvaluator.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/SimpleValueWrapper.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/ApplicationListenerDetector.java
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* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/StaticScriptSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Jsr330ScopeMetadataResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/FixedRateTask.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/MetricType.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/BeanExpressionContextAccessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/number/NumberStyleFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiAccessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/StandardScriptEvaluator.java
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/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/NotificationListenerBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/ejb/access/SimpleRemoteSlsbInvokerInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/stereotype/Indexed.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/JmxMetadataUtils.java
* /spring-context-5-3-21-sources-
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* /spring-context-5-3-21-sources-
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* /spring-context-5-3-21-sources-jar/org/springframework/context/support/ClassPathXmlApplicationContext.java
* /spring-context-5-3-21-sources-
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* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/NamedCacheResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/ManagedResource.java
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/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/JodaTimeContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/ConversionServiceFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/AnnotatedElementKey.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/Task.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/TypeMismatchNamingException.java
* /spring-context-5-3-21-sources-
jar/org/springframework/instrument/classloading/tomcat/TomcatLoadTimeWeaver.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/assembler/AbstractMBeanInfoAssembler.java

* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteAccessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/ScheduledTaskHolder.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/config/CacheNamespaceHandler.java
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 /spring-context-5-3-21-sources-
jar/org/springframework/format/datetime/joda/JodaDateTimeFormatAnnotationFormatterFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/ConnectorDelegate.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/naming/ObjectNamingStrategy.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/MapAccessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/JndiRmiProxyFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/ManagedNotification.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/DateFormatterRegistrar.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ScheduledExecutorTask.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiProxyFactoryBean.java
* /spring-context-5-3-21-sources-
jar/org/springframework/format/support/FormattingConversionServiceFactoryBean.java
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 /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/NotificationListenerHolder.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/BeanFactoryAccessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/DefaultMessageCodesResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/EnvironmentAccessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/weaving/LoadTimeWeaverAwareProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/EnvironmentAware.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/number/CurrencyStyleFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/ScriptFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/groovy/GroovyScriptEvaluator.java
* /spring-context-5-3-21-sources-jar/org/springframework/stereotype/Component.java
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 /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiObjectTargetSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/NullValue.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/AbstractXmlApplicationContext.java
* /spring-context-5-3-21-sources-
jar/org/springframework/instrument/classloading/websphere/WebSphereLoadTimeWeaver.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/TriggerTask.java
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* /spring-context-5-3-21-sources-jar/org/springframework/context/support/AbstractResourceBasedMessageSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationClassParser.java
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/spring-context-5-3-21-sources-jar/org/springframework/format/support/DefaultFormattingConversionService.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/DefaultManagedTaskScheduler.java
* /spring-context-5-3-21-sources-jar/org/springframework/ejb/access/LocalSlsbInvokerInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScannedGenericBeanDefinition.java
* /spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/ShadowingClassLoader.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/AbstractBindingResult.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/MessageCodeFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ComponentScan.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/ApplicationContextAwareProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/AbstractErrors.java
*
/spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiClientInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationStartupAware.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/DefaultManagedTaskExecutor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AnnotationConfigApplicationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ConcurrentTaskScheduler.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/SimpleKey.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/LiveBeansViewMBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/ScheduledTaskRegistrar.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/annotation/ManagedAttribute.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/TriggerContext.java
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/spring-context-5-3-21-sources-jar/org/springframework/validation/beanvalidation/MethodValidationPostProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/AbstractRefreshableApplicationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/SimpleThreadScope.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationContextInitializer.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/beanvalidation/MethodValidationInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AutoProxyRegistrar.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationTraceInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/DefaultEventListenerFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/websphere/WebSphereClassPreDefinePlugin.java

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* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/MBeanExportConfiguration.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/ResourceBundleMessageSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/PropertySource.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/FullyQualifiedAnnotationBeanNameGenerator.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ImportSelector.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/concurrent/ConcurrentMapCacheManager.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/NoOpCache.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/ScriptFactoryPostProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/groovy/GroovyScriptFactory.java
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 /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/JndiRmiClientInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/ProxyCachingConfiguration.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/GenericApplicationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/ejb/access/AbstractRemoteSlsbInvokerInterceptor.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/ConfigurationClassBeanDefinitionReader.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Condition.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/TaskExecutorFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiObjectFactoryBean.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/assembler/InterfaceBasedMBeanInfoAssembler.java
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 /spring-context-5-3-21-sources-jar/org/springframework/validation/MapBindingResult.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/SimpleTriggerContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConditionContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/PeriodicTrigger.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/AbstractValueAdaptingCache.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/EventListenerMethodProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/concurrent/ConcurrentMapCache.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScopedProxyMode.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/BindException.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationBasedAccessor.java
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* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/LoadTimeWeavingConfiguration.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/EventPublicationInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/ConfigurableApplicationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/SimpleCacheManager.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/RegistrationPolicy.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/DefaultLifecycleProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/NoOpCacheManager.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationCondition.java
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/spring-context-5-3-21-sources-jar/org/springframework/scheduling/TaskScheduler.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/MBeanClientInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Bean.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/index/CandidateComponentsIndex.java
* /spring-context-5-3-21-sources-
jar/org/springframework/format/number/money/Jsr354NumberFormatAnnotationFormatterFactory.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/ContextAnnotationAutowireCandidateResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/SchedulingConfiguration.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ReschedulingRunnable.java
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/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/InstantFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/AbstractCacheInvoker.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheOperationSourcePointcut.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/weaving/DefaultContextLoadTimeWeaver.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/ConnectorServerFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/support/SimpleJndiBeanFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Import.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/MessageSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/SmartLifecycle.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/support/AbstractCacheManager.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/StaticApplicationContext.java
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/spring-context-5-3-21-sources-jar/org/springframework/cache/CacheManager.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/AbstractMessageSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CompositeCacheOperationSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ParserStrategyUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/DefaultMessageSourceResolvable.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/Cache.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiTemplateEditor.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/MBeanServerConnectionFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/TaskUtils.java
* /spring-context-5-3-21-sources-
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* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/SpringCacheAnnotationParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ImportBeanDefinitionRegistrar.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AnnotatedBeanDefinitionReader.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/AnnotationCacheOperationSource.java
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/spring-context-5-3-21-sources-jar/org/springframework/validation/ObjectError.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/config/PropertyPlaceholderBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheProxyFactoryBean.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/AnnotationConfigApplicationContextExtensions.kt
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AnnotationConfigRegistry.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CacheAnnotationParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheOperationSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/ModelMap.java
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*/
/**
* Abstract the invocation of a cache operation.
*
* <p>Does not provide a way to transmit checked exceptions but
* provide a special exception that should be used to wrap any
* exception that was thrown by the underlying invocation.
* Callers are expected to handle this issue type specifically.
*
 * @author Stephane Nicoll
* @since 4.1
*/

Found in path(s):
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheOperationInvoker.java
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* /spring-context-5-3-21-sources-
jar/org/springframework/scheduling/concurrent/ScheduledExecutorFactoryBean.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/assembler/MethodNameBasedMBeanInfoAssembler.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/assembler/AbstractConfigurableMBeanInfoAssembler.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/cache/config/CacheAdviceParser.java
* /spring-context-5-3-21-sources-
jar/org/springframework/cache/interceptor/CacheOperationExpressionEvaluator.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/FieldError.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/ResourceScriptSource.java
* /spring-context-5-3-21-sources-

jar/org/springframework/format/datetime/standard/DateTimeFormatterRegistrar.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/JndiRmiServiceExporter.java
* /spring-context-5-3-21-sources-
jar/org/springframework/cache/interceptor/NameMatchCacheOperationSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/EventExpressionRootObject.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/ApplicationObjectSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/config/ScriptingDefaultsParser.java
*
/spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/ManagedAttribute.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/EnableLoadTimeWeaving.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/Errors.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Profile.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/notification/NotificationPublisher.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/BeanPropertyBindingResult.java
* /spring-context-5-3-21-sources-
jar/org/springframework/scheduling/annotation/AsyncAnnotationBeanPostProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/TaskManagementConfigUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/DirectFieldBindingResult.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationBasedExporter.java
*
/spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/EnableAsync.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/naming/KeyNamingStrategy.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/ScheduledMethodRunnable.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/EnableCaching.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/config/ScriptBeanDefinitionParser.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/notification/ModelMBeanNotificationPublisher.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/Lifecycle.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/assembler/MetadataMBeanInfoAssembler.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/weaving/AspectJWeavingEnabler.java
*
/spring-context-5-3-21-sources-jar/org/springframework/context/annotation/DependsOn.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AdviceMode.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/VariableNotAvailableException.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncConfigurationSelector.java
* /spring-context-5-3-21-sources-
jar/org/springframework/scheduling/concurrent/DefaultManagedAwareThreadFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/support/FormattingConversionService.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/CachedExpressionEvaluator.java
* /spring-context-5-3-21-sources-
jar/org/springframework/validation/beanvalidation/BeanValidationPostProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/EmbeddedValueResolverAware.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/MethodBasedEvaluationContext.java
*
/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/SimpleHttpServerFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RemoteInvocationSerializingExporter.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheExpressionRootObject.java

* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/assembler/SimpleReflectiveMBeanInfoAssembler.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/FormatterRegistry.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/SchedulingTaskExecutor.java
* /spring-context-5-3-21-sources-
jar/org/springframework/instrument/classloading/websphere/WebSphereClassLoaderAdapter.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/i18n/LocaleContextHolder.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/BeanAnnotationHelper.java
*
/spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemotingSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ProfileCondition.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/MonthFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/ejb/access/LocalStatelessSessionProxyFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/naming/IdentityNamingStrategy.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/JodaTimeConverters.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncResult.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationResult.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CachingConfigurerSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/SmartValidator.java
*
/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/AbstractCacheResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiServiceExporter.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiInvocationWrapper.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiRegistryFactoryBean.java
* /spring-context-5-3-21-sources-
jar/org/springframework/instrument/classloading/weblogic/WebLogicClassLoaderAdapter.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiObjectLocator.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/MBeanExportOperations.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocation.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ImportRegistry.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/annotation/NumberFormat.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/ForkJoinPoolFactoryBean.java
*
/spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiTemplate.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/config/CacheManagementConfigUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/CronSequenceGenerator.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/ComponentScanBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheResolver.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/assembler/AbstractReflectiveMBeanInfoAssembler.java
* /spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/ReflectiveLoadTimeWeaver.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/ScriptCompilationException.java
* /spring-context-5-3-21-sources-
jar/org/springframework/instrument/classloading/ResourceOverridingShadowingClassLoader.java
*
/spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CachingConfigurationSelector.java
* /spring-context-5-3-21-sources-

jar/org/springframework/ejb/access/SimpleRemoteStatelessSessionProxyFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/ValidationUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/BeanFactoryResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/SimpleCacheResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/DefaultBindingErrorProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiLocatorSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteAccessException.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/DateTimeConverters.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/config/MBeanServerBeanDefinitionParser.java
*
/spring-context-5-3-21-sources-jar/org/springframework/scripting/bsh/BshScriptUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScopedProxyCreator.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/AbstractPropertyBindingResult.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConditionEvaluator.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AdviceModeImportSelector.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/context/support/DelegatingThemeSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/BindingResult.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheOperationInvocationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/JodaTimeContextHolder.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/context/support/ResourceBundleThemeSource.java
*
/spring-context-5-3-21-sources-jar/org/springframework/scripting/config/LangNamespaceUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/FileSystemXmlApplicationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/MessageSourceAccessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/ObjectNameManager.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncAnnotationAdvisor.java
* /spring-context-5-3-21-sources-jar/org/springframework/ejb/access/AbstractSlsbInvokerInterceptor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Scope.java
* /spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/WeavingTransformer.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/MessageSourceAware.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/MBeanRegistrationSupport.java
*
/spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/YearFormatter.java
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* /spring-context-5-3-21-sources-jar/org/springframework/ejb/config/JeeNamespaceHandler.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiInvocationHandler.java
* /spring-context-5-3-21-sources-
jar/org/springframework/jmx/export/assembler/AutodetectCapableMBeanInfoAssembler.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/context/event/ApplicationContextEvent.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/context/ThemeSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/Formatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/naming/SelfNaming.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/assembler/MBeanInfoAssembler.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/NoSuchMessageException.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/InvalidInvocationException.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/SchedulingException.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/ScriptSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/scripting/support/RefreshableScriptTargetSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/SchedulingAwareRunnable.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/validation/BindingErrorProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ScopeMetadata.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/soap/SoapFaultException.java
* /spring-context-5-3-21-sources-jar/org/springframework/ejb/config/JndiLookupBeanDefinitionParser.java
* /spring-context-5-3-21-sources-
jar/org/springframework/ejb/config/RemoteStatelessSessionBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/EnableMBeanExport.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/JmxException.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/config/ContextNamespaceHandler.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/ContextRefreshedEvent.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/LoadTimeWeavingConfigurer.java
*
 /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/AnnotationConfigBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/weaving/LoadTimeWeaverAware.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/MBeanExportException.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/SchedulerBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/DefaultRemoteInvocationExecutor.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiLookupFailureException.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/number/AbstractNumberFormatter.java
* /spring-context-5-3-21-sources-jar/org/springframework/instrument/classloading/LoadTimeWeaver.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/UnableToRegisterMBeanException.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/BindingResultUtils.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/InvocationFailureException.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/DefaultRemoteInvocationFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/ContextStartedEvent.java

* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/notification/UnableToSendNotificationException.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/CodebaseAwareObjectInputStream.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/context/support/SimpleTheme.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/MessageCodesResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/ContextClosedEvent.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteProxyFailureException.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/UrlBasedRemoteAccessor.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationContextAware.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/MBeanInfoRetrievalException.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/context/Theme.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/Phased.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/Trigger.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteInvocationFailureException.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/ContextStoppedEvent.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/MBeanExporterListener.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/access/MBeanConnectFailureException.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteConnectFailureException.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/ejb/config/LocalStatelessSessionBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/context/support/UiApplicationContextUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/config/SpringConfiguredBeanDefinitionParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/TaskNamespaceHandler.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationContextException.java
* /spring-context-5-3-21-sources-jar/org/springframework/ejb/access/EjbAccessException.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/DelegatingErrorHandlingRunnable.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/HierarchicalMessageSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/RemoteLookupFailureException.java
* /spring-context-5-3-21-sources-jar/org/springframework/remoting/rmi/RmiBasedExporter.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/validation/beanvalidation/LocaleContextMessageInterpolator.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/MBeanServerNotFoundException.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/JmxAttributeSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/context/HierarchicalThemeSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/InvalidMetadataException.java
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* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncConfigurerSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/AnnotationFormatterFactory.java
*
/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/BasicOperation.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/annotation/Validated.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/PropertySources.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/ContextLifecycleScheduledTaskRegistrar.java
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*/
/**
* {@link FactoryBean} that obtains a WebSphere {@link javax.management.MBeanServer}
* reference through WebSphere's proprietary {@code AdminServiceFactory} API,
* available on WebSphere 5.1 and higher.
*
* <p>Exposes the {@code MBeanServer} for bean references.
*
* <p>This {@code FactoryBean} is
 a direct alternative to {@link MBeanServerFactoryBean},
* which uses standard JMX 1.2 API to access the platform's {@link MBeanServer}.
*
* <p>See the javadocs for WebSphere's
* <a
href="https://www.ibm.com/support/knowledgecenter/SSEQTJ_9.0.0/com.ibm.websphere.javadoc.doc/web/apidocs/com/ibm/websphere/management/AdminServiceFactory.html">{@code AdminServiceFactory}
* and

```
* <a
href="https://www.ibm.com/support/knowledgecenter/SSEQTJ_9.0.0/com.ibm.websphere.javadoc.doc/web/apidocs
/com/ibm/websphere/management/MBeanFactory.html">{@code MBeanFactory}</a>.
*
* @author Juergen Hoeller
* @author Rob Harrop
* @since 2.0.3
* @see javax.management.MBeanServer
* @see MBeanServerFactoryBean
*/
```

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* /spring-context-5-3-21-sources-jar/org/springframework/jmx/support/WebSphereMBeanServerFactoryBean.java
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* /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/metadata/ManagedOperationParameter.java
* /spring-context-5-3-21-sources-jar/org/springframework/jmx/export/SpringModelMBean.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/remoting/support/RemoteInvocationExecutor.java
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*/
/**
* Indicates that a component is only eligible for registration when all
* {@linkplain #value specified conditions} match.
*
* <p>A <em>condition</em> is any state that can be determined programmatically
* before the bean definition is due to be registered (see {@link Condition} for details).
*
*
 <p>The {@code @Conditional} annotation may be used in any of the following ways:
* <ul>
* <li>as a type-level annotation on any class directly or indirectly annotated with
* {@code @Component}, including {@link Configuration @Configuration} classes</li>
* <li>as a meta-annotation, for the purpose of composing custom stereotype
* annotations</li>
* <li>as a method-level annotation on any {@link Bean @Bean} method</li>
* </ul>
*
* <p>If a {@code @Configuration} class is marked with {@code @Conditional},
* all of the {@code @Bean} methods, {@link Import @Import} annotations, and
* {@link ComponentScan @ComponentScan} annotations associated with that
* class will be subject to the conditions.
*
* <p><strong>NOTE</strong>: Inheritance of {@code @Conditional} annotations
* is not supported; any conditions from superclasses or from overridden
* methods will not be considered. In order to enforce these semantics,
* {@code @Conditional} itself is not declared as
* {@link java.lang.annotation.Inherited
 @Inherited}; furthermore, any
* custom <em>composed annotation</em> that is meta-annotated with
* {@code @Conditional} must not be declared as {@code @Inherited}.
*
* @author Phillip Webb
* @author Sam Brannen
* @since 4.0
* @see Condition
*/
```

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* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Conditional.java
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* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/ReadablePartialPrinter.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Description.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/context/i18n/TimeZoneAwareLocaleContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/MessageSourceResourceBundle.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/concurrent/CustomizableThreadFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/LocalDateTimeParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/FilterType.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/DateTimeParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/MillisecondInstantPrinter.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/LocalDateParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/joda/ReadableInstantPrinter.java
* /spring-context-5-3-21-sources-
jar/org/springframework/validation/beanvalidation/OptionalValidatorFactoryBean.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/context/i18n/LocaleContext.java
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* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/config/CronTask.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/SourceFilteringListener.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/QuartzCronField.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/SchedulingConfigurer.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/ComponentScanAnnotationParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/EnableAspectJAutoProxy.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationMethod.java
* /spring-context-5-3-21-sources-jar/org/springframework/ui/ConcurrentModel.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/CommonAnnotationBeanPostProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/BitsCronField.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CachePutOperation.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/GenericApplicationListenerAdapter.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/validation/beanvalidation/SpringValidatorAdapter.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationClassUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/AbstractApplicationContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/Cacheable.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/ContextTypeMatchClassLoader.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/AbstractCachingConfiguration.java
* /spring-context-5-3-21-sources-jar/org/springframework/jndi/JndiCallback.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheOperation.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/annotation/ClassPathScanningCandidateComponentProvider.java
* /spring-context-5-3-21-sources-
jar/org/springframework/cache/config/AnnotationDrivenCacheBeanDefinitionParser.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/context/event/ApplicationEventMulticaster.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/index/CandidateComponentsIndexLoader.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationClass.java
* /spring-context-5-3-21-sources-
jar/org/springframework/format/datetime/DateTimeFormatAnnotationFormatterFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/CronTrigger.java
* /spring-context-5-3-21-sources-
jar/org/springframework/scheduling/concurrent/ThreadPoolExecutorFactoryBean.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/ApplicationListenerMethodAdapter.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/ResourceLoaderAware.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/MessageSourceSupport.java
*
 /spring-context-5-3-21-sources-jar/org/springframework/validation/Validator.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/EventListener.java

* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/DateTimeContextHolder.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Configuration.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/FormatterRegistrar.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AnnotationBeanNameGenerator.java
* /spring-context-5-3-21-sources-
jar/org/springframework/format/datetime/standard/DateTimeFormatterFactory.java
* /spring-context-5-3-21-sources-
jar/org/springframework/context/support/ReloadableResourceBundleMessageSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/GenericApplicationListener.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CachePut.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/Scheduled.java
*
/spring-context-5-3-21-sources-
jar/org/springframework/scheduling/annotation/ScheduledAnnotationBeanPostProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationEvent.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AbstractAsyncConfiguration.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/Lazy.java
* /spring-context-5-3-21-sources-
jar/org/springframework/format/datetime/standard/Jsr310DateTimeFormatAnnotationFormatterFactory.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/CronExpression.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/PostProcessorRegistrationDelegate.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/SmartApplicationListener.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/DateFormatter.java
*
/spring-context-5-3-21-sources-jar/org/springframework/validation/support/BindingAwareConcurrentModel.java
* /spring-context-5-3-21-sources-
jar/org/springframework/scheduling/concurrent/ExecutorConfigurationSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationClassEnhancer.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/DateTimeContext.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/TypeFilterUtils.java
* /spring-context-5-3-21-sources-
jar/org/springframework/cache/interceptor/AbstractFallbackCacheOperationSource.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/CronField.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/annotation/CachingConfigurer.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/BeanMethod.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/AbstractApplicationEventMulticaster.java
*
/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheableOperation.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/PayloadApplicationEvent.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/TemporalAccessorParser.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/AnnotationConfigUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/annotation/ConfigurationClassPostProcessor.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/LiveBeansView.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/AsyncConfigurer.java
* /spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheEvictOperation.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/support/BeanDefinitionDsl.kt
* /spring-context-5-3-21-sources-jar/org/springframework/validation/annotation/ValidationAnnotationUtils.java
*

/spring-context-5-3-21-sources-jar/org/springframework/cache/interceptor/CacheAspectSupport.java
* /spring-context-5-3-21-sources-jar/org/springframework/validation/support/BindingAwareModelMap.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/ApplicationListener.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/annotation/DateTimeFormat.java
* /spring-context-5-3-21-sources-jar/org/springframework/format/datetime/standard/DateTimeFormatterUtils.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/support/CompositeCronField.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/event/SimpleApplicationEventMulticaster.java
* /spring-context-5-3-21-sources-jar/org/springframework/context/expression/StandardBeanExpressionResolver.java
* /spring-context-5-3-21-sources-jar/org/springframework/scheduling/annotation/EnableScheduling.java

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* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/DomainDatagramSocketAddress.java
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 /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/DomainDatagramChannelConfig.java
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* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/LimitsStaticallyReferencedJniMethods.java
*
 /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_util.h
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/ErrorsStaticallyReferencedJniMethods.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_util.c

* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_limits.h
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/Limits.java
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jar/io/netty/channel/unix/IntegerUnixChannelOption.java
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jar/io/netty/channel/unix/PreferredDirectByteBufAllocator.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_buffer.h
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* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/Unix.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/UnixChannelOption.java
*
/netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/IovArray.java
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* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/DatagramSocketAddress.java
*
/netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/DomainSocketChannel.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_filedescriptor.c

* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_filedescriptor.h
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/UnixChannel.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_socket.c
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/DomainSocketReadMode.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/DomainSocketChannelConfig.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/NativeInetAddress.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_errors.c
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_socket.h
*
 /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/Errors.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/FileDescriptor.java
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/netty_unix_errors.h
* /netty-transport-native-unix-common-4-1-78-final-sources-jar/io/netty/channel/unix/DomainSocketAddress.java

1.306 netty-codec 4.1.78.Final

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* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/GzipOptions.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZstdEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/BrotliDecoder.java
*
 /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/CompressionOptions.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Zstd.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/StandardCompressionOptions.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/DeflateOptions.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZstdOptions.java

* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZstdConstants.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/BrotliEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/BrotliOptions.java
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* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2Decoder.java
*
 /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/LzmaFrameEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockDecompressor.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2Encoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2BlockCompressor.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/LzfDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/MessageAggregationException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DecoderResultProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/FastLzFrameEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/FastLz.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Lz4FrameEncoder.java
*
 /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2Constants.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/json/JsonObjectDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/LzfEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2Rand.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/json/package-info.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Lz4Constants.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/SnappyFramedDecoder.java

* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2MTFAndRLE2StageEncoder.java
*
 /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2MoveToFrontTable.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitReader.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanStageDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2DivSufSort.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2HuffmanAllocator.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Bzip2BitWriter.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Crc32.java
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* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/string/LineSeparator.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DatagramPacketDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DatagramPacketEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/CodecOutputList.java
*
 /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ByteBufChecksum.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/string/LineEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/CompressionUtil.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DateFormatter.java
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*/
/**
* A decoder that splits the received {@link ByteBuf}s dynamically by the
* value of the length field in the message.  It is particularly useful when you
* decode a binary message which has an integer header field that represents the
* length of the message body or the whole message.
*
 <p>
* {@link LengthFieldBasedFrameDecoder} has many configuration parameters so
* that it can decode any message with a length field, which is often seen in
* proprietary client-server protocols. Here are some example that will give
* you the basic idea on which option does what.
*
* <h3>2 bytes length field at offset 0, do not strip header</h3>
*
* The value of the length field in this example is <tt>12 (0x0C)</tt> which
* represents the length of "HELLO, WORLD".  By default, the decoder assumes
* that the length field represents the number of the bytes that follows the
* length field.  Therefore, it can be decoded with the simplistic parameter
* combination.
* <pre>
* <b>lengthFieldOffset</b>   = <b>0</b>
* <b>lengthFieldLength</b>   = <b>2</b>
* lengthAdjustment    = 0
* initialBytesToStrip = 0 (= do not strip header)
*
* BEFORE DECODE (14 bytes)         AFTER DECODE (14 bytes)
* +--------+----------------+      +--------+----------------+
* | Length | Actual Content
 |----->| Length | Actual Content |
* | 0x000C | "HELLO, WORLD" |      | 0x000C | "HELLO, WORLD" |
* +--------+----------------+      +--------+----------------+
* </pre>
*
* <h3>2 bytes length field at offset 0, strip header</h3>
*
* Because we can get the length of the content by calling
* {@link ByteBuf#readableBytes()}, you might want to strip the length
* field by specifying <tt>initialBytesToStrip</tt>.  In this example, we
* specified <tt>2</tt>, that is same with the length of the length field, to
* strip the first two bytes.
* <pre>
* lengthFieldOffset   = 0
```

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

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

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

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* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/LengthFieldBasedFrameDecoder.java
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* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DefaultHeaders.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/EmptyHeaders.java
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```

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*/
```

```
/**
* Utility class for {@link ByteBuf} that encodes and decodes to and from
* <a href="https://en.wikipedia.org/wiki/Base64">Base64</a> notation.
* <p>
 * The encoding and decoding algorithm in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert Harder's Public Domain
* Base64 Encoder/Decoder</a>.
*/
```

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* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/EncoderException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/CodecException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DelimiterBasedFrameDecoder.java
*
/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/string/package-info.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/MessageAggregator.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZlibEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/LimitingByteInput.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/Delimiters.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/DecompressionException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/JdkZlibEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/JZlibDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/package-info.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingEncoder.java
*
/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZlibCodecFactory.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/ReplayingDecoderByteBuf.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZlibDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/LineBasedFrameDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/CompatibleMarshallingDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/MessageToMessageCodec.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/ByteToMessageDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/CachingClassResolver.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ClassResolver.java
*
/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DecoderException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/ContextBoundUnmarshallerProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/base64/Base64Encoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalUnmarshallerProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/SoftReferenceMap.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/MessageToMessageEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/Snappy.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/protobuf/package-info.java
*

/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ClassResolvers.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/SnappyFrameDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/MessageToMessageDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ObjectEncoderOutputStream.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectOutputStream.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteInput.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/string/StringEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/WeakReferenceMap.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/JZlibEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/string/StringDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/package-info.java
*
/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/bytes/ByteArrayDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/ByteToMessageCodec.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ClassLoaderClassResolver.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/UnsupportedMessageTypeException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/PrematureChannelClosureException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/DefaultMarshallerProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/MarshallerProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/FixedLengthFrameDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/base64/Base64Decoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoderInputStream.java
*
/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/bytes/package-info.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/MarshallingDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/CompactObjectInputStream.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/CompressionException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/UnmarshallerProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/ChannelBufferByteOutput.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/CompatibleObjectEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/CorruptedFrameException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZlibUtil.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/ZlibWrapper.java
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/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/package-info.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/MessageToByteEncoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/ThreadLocalMarshallerProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ObjectDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/serialization/ReferenceMap.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/TooLongFrameException.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/ReplayingDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/marshalling/DefaultUnmarshallerProvider.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/DecoderResult.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/LengthFieldPrepender.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/compression/package-info.java
*
/netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/base64/package-info.java

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* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufDecoder.java
*
 /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/ProtocolDetectionState.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/UnsupportedValueConverter.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufEncoderNano.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/ProtocolDetectionResult.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32FrameDecoder.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/HeadersUtils.java
* /netty-codec-4-1-78-final-sources-jar/io/netty/handler/codec/protobuf/ProtobufVarint32LengthFieldPrepender.java
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/**
* Enumeration of supported Base64 dialects.
* <p>
* The internal lookup tables in this class has been derived from
* <a href="http://iharder.sourceforge.net/current/java/base64/">Robert
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*/
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/DefaultOpenSslKeyMaterial.java
*
 /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ExtendedOpenSslSession.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialProvider.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterial.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKey.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SignatureAlgorithmConverter.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslX509TrustManagerWrapper.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslSession.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SslCompletionEvent.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ocsp/OcspClientHandler.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/Conscrypt.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OptionalSslHandler.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/AbstractSniHandler.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SniCompletionEvent.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/BouncyCastleAlpnSslUtils.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/Ciphers.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslSessionCache.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslSessionId.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslContextOption.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SslContextOption.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/GroupsConverter.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/timeout/IdleState.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/timeout/IdleStateEvent.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslSessionTicketKey.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ClientAuth.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNames.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/SimpleKeyManagerFactory.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/address/package-info.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslPrivateKeyMethod.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/address/DynamicAddressConnectHandler.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/traffic/GlobalTrafficShapingHandler.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/traffic/package-info.java
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 /netty-handler-4-1-78-final-sources-jar/io/netty/handler/traffic/TrafficCounter.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslServerContext.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/PemValue.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslEngine.java
*
/netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/X509TrustManagerWrapper.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/DelegatingSslContext.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/flow/package-info.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/flush/FlushConsolidationHandler.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslCertificateException.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/PemEncoded.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslContext.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/Java8SslUtils.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/flush/package-info.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/PemPrivateKey.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ReferenceCountedOpenSslClientContext.java
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/netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslKeyMaterialManager.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactory.java
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 /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolNegotiator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/package-info.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JdkDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslDefaultApplicationProtocolNegotiator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslServerContext.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslEngine.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/ThreadLocalInsecureRandom.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslSessionStats.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolUtil.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JettyAlpnSslEngine.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslServerSessionContext.java
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 /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/IpFilterRule.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/LazyX509Certificate.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SslUtils.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/InsecureTrustManagerFactory.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslSessionContext.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/CipherSuiteConverter.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/ApplicationProtocolConfig.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JdkSslClientContext.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JdkSslContext.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JdkSslEngine.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SslContext.java
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 /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/BouncyCastleSelfSignedCertGenerator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SslProvider.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JdkNpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/PemReader.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslEngineMap.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/RuleBasedIpFilter.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JdkAlpnApplicationProtocolNegotiator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SupportedCipherSuiteFilter.java

* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRule.java
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 /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSsl.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/SimpleTrustManagerFactory.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslClientContext.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/UniqueIpFilter.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/JdkApplicationProtocolNegotiator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/IpFilterRuleType.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/traffic/GlobalChannelTrafficCounter.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslApplicationProtocolNegotiator.java
*
 /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/Java7SslParametersUtils.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/IdentityCipherSuiteFilter.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/OpenSslContext.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/pcap/EthernetPacket.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/pcap/TCPPacket.java
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/netty-handler-4-1-78-final-sources-jar/io/netty/handler/pcap/package-info.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/pcap/PcapWriter.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/pcap/PcapWriteHandler.java
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* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/util/FingerprintTrustManagerFactoryBuilder.java
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/netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilterRuleComparator.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ipfilter/IpSubnetFilter.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/ssl/SslClosedEngineException.java
* /netty-handler-4-1-78-final-sources-jar/io/netty/handler/address/ResolveAddressHandler.java

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jar/io/netty/handler/codec/http2/HttpToHttp2ConnectionHandlerBuilder.java
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* /netty-codec-http2-4-1-78-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionEncoder.java
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* /netty-codec-http2-4-1-78-final-sources-jar/io/netty/handler/codec/http2/Http2ConnectionDecoder.java
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* /netty-codec-http2-4-1-78-final-sources-jar/io/netty/handler/codec/http2/Http2Error.java
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* /netty-codec-http2-4-1-78-final-sources-jar/io/netty/handler/codec/http2/Http2Settings.java
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* /netty-codec-http2-4-1-78-final-sources-jar/io/netty/handler/codec/http2/DefaultHttp2HeadersFrame.java
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* /netty-codec-http2-4-1-78-final-sources-jar/io/netty/handler/codec/http2/StreamByteDistributor.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletConfigPropertySource.java
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 /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletContextPropertySource.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/ConfigurableWebApplicationContext.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/jsf/FacesContextUtils.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/feed/AtomFeedHttpMessageConverter.java
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jar/org/springframework/http/converter/xml/AbstractJaxb2HttpMessageConverter.java
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 /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ChannelSendOperator.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/reactive/ServerWebExchangeContextFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/reactive/CorsWebFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/ServerWebExchangeDecorator.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/HttpClientErrorException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/RestControllerAdvice.java
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jar/org/springframework/web/method/support/AsyncHandlerMethodReturnValueHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/cbor/Jackson2CborDecoder.java
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 /spring-web-5-3-21-sources-jar/org/springframework/http/codec/protobuf/ProtobufEncoder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/xml/JaxbContextContainer.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/CacheControl.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/accept/MediaTypeFileExtensionResolver.java
* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-jar/org/springframework/web/util/ContentCachingResponseWrapper.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/ServerCodecConfigurer.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/support/HttpAccessor.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/client/RestClientResponseException.java
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* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/annotation/AbstractWebArgumentResolverAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/protobuf/ProtobufHttpMessageConverter.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/ControllerAdvice.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpRange.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletContextScope.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/ServletRequestAttributes.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/json/AbstractJsonHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/support/StandardServletPartUtils.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/FormHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/ClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/i18n/AcceptHeaderLocaleContextResolver.java
* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-
jar/org/springframework/remoting/httpinvoker/AbstractHttpInvokerRequestExecutor.java
* /spring-web-5-3-21-sources-
jar/org/springframework/http/converter/support/AllEncompassingFormHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/httpinvoker/HttpInvokerServiceExporter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/reactive/UrlBasedCorsConfigurationSource.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/HttpRequestMethodNotSupportedException.java
*
/spring-web-5-3-21-sources-jar/org/springframework/web/server/handler/ExceptionHandlingWebHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/ServletServerHttpResponse.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/WebRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/ReactorResourceFactory.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/AbstractHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/ReadOnlyHttpHeaders.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/CorsUtils.java

* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/PathPatternParser.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/CorsFilter.java
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 /spring-web-5-3-21-sources-jar/org/springframework/web/accept/PathExtensionContentNegotiationStrategy.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/HttpComponentsClientHttpRequestFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/MultipartUtils.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/ControllerAdviceBean.java
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* /spring-web-5-3-21-sources-
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jar/org/springframework/http/converter/xml/MappingJackson2XmlHttpMessageConverter.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/json/Jackson2Tokenizer.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/reactive/DefaultCorsProcessor.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/InvalidMediaTypeException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/WebApplicationInitializer.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/MatrixVariable.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/ServletRequestParameterPropertyValues.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/HttpPutFormContentFilter.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/server/DefaultServerWebExchangeBuilder.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/AbstractRequestAttributes.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletRequestHandledEvent.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/protobuf/ProtobufCodecSupport.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/SslInfo.java
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* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-jar/org/springframework/remoting/jaxws/LocalJaxWsServiceFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/BufferingClientHttpRequestFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/DefaultUriTemplateHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/ClientHttpRequestInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/FormContentFilter.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/xml/MarshallingHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/reactive/HiddenHttpMethodFilter.java
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/spring-web-5-3-21-sources-jar/org/springframework/http/client/HttpComponentsClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/ResponseErrorHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/jaxws/AbstractJaxWsServiceExporter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/NestedServletException.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/client/InterceptingAsyncClientHttpRequestFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/AbstractContextLoaderInitializer.java
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* /spring-web-5-3-21-sources-
jar/org/springframework/remoting/httpinvoker/HttpComponentsHttpInvokerRequestExecutor.java
*

/spring-web-5-3-21-sources-jar/org/springframework/web/method/annotation/InitBinderDataBinderFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/Netty4ClientHttpRequestFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/support/BasicAuthorizationInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/LoggingCodecSupport.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/HttpHandler.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/context/ServletContextAware.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/client/AsyncRestTemplate.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/RelativeRedirectFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/AbstractGenericHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/HtmlCharacterEntityReferences.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/ServletWebRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/JettyResourceFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/SimpleBufferingClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/json/Jackson2SmileDecoder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/support/AsyncHttpAccessor.java
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/spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/PathElement.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/ResponseExtractor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ContextPathCompositeHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/caucho/SimpleHessianServiceExporter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpLogging.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpOutputMessage.java
* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-jar/org/springframework/http/client/SimpleStreamingClientHttpRequest.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpInputMessage.java
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/spring-web-5-3-21-sources-jar/org/springframework/web/filter/RelativeRedirectResponseWrapper.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/PathVariable.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/caucho/HessianServiceExporter.java
* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-jar/org/springframework/web/server/ServerErrorException.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/multipart/support/StandardMultipartHttpServletRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/RequestPart.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/JavaScriptUtils.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/accept/HeaderContentNegotiationStrategy.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/caucho/HessianExporter.java

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 /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/DefaultSslInfo.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/ServletConfigAware.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/ExtractingResponseErrorHandler.java
* /spring-web-5-3-21-sources-
jar/org/springframework/remoting/jaxws/SimpleHttpServerJaxWsServiceExporter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletContextResource.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/InterceptingClientHttpRequestFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/accept/ParameterContentNegotiationStrategy.java
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org.springframework.web.server.adapter.WebHttpHandlerBuilder$SpringWebBlockHoundIntegration

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* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/ServletRequestDataBinder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/ReactorClientHttpRequest.java
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/spring-web-5-3-21-sources-jar/org/springframework/http/converter/BufferedImageHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/session/CookieWebSessionIdResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpMethod.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/ModelAttribute.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/HierarchicalUriComponents.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/support/WebRequestDataBinder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/xml/Jaxb2XmlDecoder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/PartGenerator.java
* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-
jar/org/springframework/http/converter/xml/Jaxb2CollectionHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/ServerSentEventHttpMessageReader.java
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/spring-web-5-3-21-sources-jar/org/springframework/web/context/support/GenericWebApplicationContext.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/ResourceRegionHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/DefaultParts.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/MultipartParser.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ServletServerHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/session/HeaderWebSessionIdResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/ServletServerHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/ResourceHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/session/WebSessionIdResolver.java
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/spring-web-5-3-21-sources-jar/org/springframework/web/bind/support/WebExchangeDataBinder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/AbstractClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/HttpComponentsClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/UndertowHttpHandlerAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ReactorServerHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/AbstractServerHttpRequest.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/support/HandlerMethodArgumentResolverComposite.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/AbstractListenerReadPublisher.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/WebDataBinder.java
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* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/GenericFilterBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/InitBinder.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/RequestMethod.java

* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/xml/AbstractXmlHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/HandlerMethod.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/xml/SourceHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/JettyClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/json/AbstractJackson2Encoder.java
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 /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ServletContextAwareProcessor.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/jaxws/JaxWsPortProxyFactoryBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/async/AsyncWebRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/AbstractBufferingAsyncClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/support/HttpRequestWrapper.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/server/ServerWebInputException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/session/WebSessionStore.java
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 /spring-web-5-3-21-sources-jar/org/springframework/remoting/caucho/HessianProxyFactoryBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/jaxws/JaxWsPortClientInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/HttpRequestHandlerServlet.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/NativeWebRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/WebApplicationObjectSupport.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/client/AsyncClientHttpRequestInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/AbstractRequestAttributesScope.java

* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/async/DeferredResultProcessingInterceptor.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/client/HttpComponentsAsyncClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/AsyncClientHttpRequestExecution.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/RestController.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/support/SessionAttributeStore.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/AsyncRestOperations.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/support/ProxyFactoryBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/async/CallableProcessingInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/feed/RssChannelHttpMessageConverter.java
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* /spring-web-5-3-21-sources-jar/org/springframework/remoting/jaxws/LocalJaxWsServiceFactoryBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/reactive/CorsProcessor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/support/InterceptingAsyncHttpAccessor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/support/HandlerMethodReturnValueHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/async/TimeoutCallableProcessingInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/HttpComponentsStreamingClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/jsf/el/SpringBeanFacesELResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/ContextExposingHttpServletRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/StaticWebApplicationContext.java
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/spring-web-5-3-21-sources-jar/org/springframework/http/converter/json/MappingJacksonInputMessage.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/RequestAttributes.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/HttpMediaTypeNotSupportedException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/support/WebArgumentResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/AsyncClientHttpRequestFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/async/CallableProcessingInterceptorAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/annotation/MethodArgumentConversionNotSupportedException.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpCookie.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/Netty4ClientHttpResponse.java
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/spring-web-5-3-21-sources-jar/org/springframework/web/method/annotation/MethodArgumentTypeMismatchException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/support/ByteArrayMultipartFileEditor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/BufferingClientHttpResponseWrapper.java

* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/support/DefaultDataBinderFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/AbstractAsyncClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/OkHttp3ClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/httpinvoker/HttpInvokerProxyFactoryBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/AsyncWebRequestInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/AbstractBufferingClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/support/StringMultipartFileEditor.java
*
/spring-web-5-3-21-sources-jar/org/springframework/http/client/AsyncClientHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/caucho/HessianClientInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/support/UriComponentsContributor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/FormFieldPart.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/MultipartException.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/HttpComponentsAsyncClientHttpResponse.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/annotation/SessionStatusMethodArgumentResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/BufferingClientHttpRequestWrapper.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/context/support/ServletContextParameterFactoryBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/ServletRequestUtils.java
*
/spring-web-5-3-21-sources-jar/org/springframework/web/multipart/MaxUploadSizeExceededException.java
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*/
/**
  * Return the web session for the current request. Always guaranteed to
  * return an instance either matching to the session id requested by the
  * client, or with a new session id either because the client did not
  * specify one or because the underlying session had expired. Use of this
  * method
 does not automatically create a session. See {@link WebSession}
  * for more details.

*/

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* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/MultipartFileResource.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/UrlPathHelper.java
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 /spring-web-5-3-21-sources-jar/org/springframework/web/util/HtmlCharacterEntityDecoder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/JettyClientHttpConnector.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/support/ServerDefaultCodecsImpl.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/json/Jackson2ObjectMapperBuilder.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/annotation/AbstractCookieValueMethodArgumentResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/ServerSentEvent.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ServletServerHttpResponse.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/UndertowServerHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/ReactorClientHttpResponse.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/CookieValue.java
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 /spring-web-5-3-21-sources-jar/org/springframework/web/bind/support/WebExchangeBindException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/reactive/PreFlightRequestWebFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/ResponseEntity.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ServletHttpHandlerAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/support/InvocableHandlerMethod.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/UriBuilder.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/PatternParseException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/adapter/HttpWebHandlerAdapter.java

* /spring-web-5-3-21-sources-jar/org/springframework/web/client/RestOperations.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/HttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/support/ModelAndViewContainer.java
*
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* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/annotation/ExceptionHandlerMethodResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/ClientHttpResponseDecorator.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/ClientHttpResponse.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/HtmlUtils.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/RequestCallback.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/WriteResultPublisher.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/ForwardedHeaderFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/SimpleBufferingAsyncClientHttpRequest.java
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 /spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/FilePart.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/annotation/RequestParamMethodArgumentResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/EncoderHttpMessageWriter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/commons/CommonsMultipartResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/UriComponents.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/MethodArgumentNotValidException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/UnsupportedMediaTypeStatusException.java
* /spring-web-5-3-21-sources-
jar/org/springframework/http/codec/multipart/SynchronossPartHttpMessageReader.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/reactive/PreFlightRequestHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/json/Jackson2CodecSupport.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/web/client/DefaultResponseErrorHandler.java
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* /spring-web-5-3-21-sources-jar/org/springframework/http/ResponseCookie.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/DelegatingFilterProxy.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/WildcardTheRestPathElement.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/support/BaseDefaultCodecs.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/MediaTypeNotSupportedStatusException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/MessageBodyClientHttpResponseWrapper.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/TomcatHeadersAdapter.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/DefaultServerHttpRequestBuilder.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/UriTemplate.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/JettyHttpHandlerAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/UndertowHeadersAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/CaptureVariablePathElement.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/RequestEntity.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/RestTemplate.java

* /spring-web-5-3-21-sources-jar/org/springframework/web/server/handler/ResponseStatusExceptionHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/json/Jackson2ObjectMapperFactoryBean.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/ResponseStatusException.java
*
/spring-web-5-3-21-sources-jar/org/springframework/http/codec/xml/Jaxb2XmlEncoder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/DefaultPathContainer.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/HttpMessageWriter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/FileStorage.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/JettyClientHttpResponse.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/MissingRequestHeaderException.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/HttpMessageReader.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/annotation/ModelAttributeMethodProcessor.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/bind/UnsatisfiedServletRequestParameterException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/CaptureTheRestPathElement.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/protobuf/ProtobufDecoder.java
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/spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/SingleCharWildcardedPathElement.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/support/ClientDefaultCodecsImpl.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/ResponseStatus.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/MissingPathVariableException.java
* /spring-web-5-3-21-sources-
jar/org/springframework/http/converter/json/KotlinSerializationJsonHttpMessageConverter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpEntity.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/PathContainer.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/json/KotlinSerializationJsonDecoder.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/UriComponentsBuilder.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/SpringBeanAutowiringSupport.java
*
/spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/JettyHeadersAdapter.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/multipart/support/StandardServletMultipartResolver.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/support/CompositeUriComponentsContributor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/support/StandardServletEnvironment.java
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jar/org/springframework/web/method/annotation/RequestHeaderMethodArgumentResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/MultipartBodyBuilder.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/MissingServletRequestParameterException.java
* /spring-web-5-3-21-sources-
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* /spring-web-5-3-21-sources-jar/org/springframework/web/server/session/InMemoryWebSessionStore.java
*
/spring-web-5-3-21-sources-jar/org/springframework/http/codec/multipart/DefaultPartHttpMessageReader.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/CrossOrigin.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/RegexPathElement.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/WildcardPathElement.java

* /spring-web-5-3-21-sources-jar/org/springframework/web/util/pattern/SeparatorPathElement.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/HttpHandlerDecoratorFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/AbstractRequestLoggingFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/ReactorClientHttpConnector.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/DecoderHttpMessageReader.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/adapter/WebHttpHandlerBuilder.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ReactorServerHttpResponse.java
* /spring-web-5-3-21-sources-
jar/org/springframework/http/server/reactive/AbstractListenerWriteFlushProcessor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/ServerSentEventHttpMessageWriter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpStatus.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/JettyHeadersAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/MissingRequestValueException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/ContentCachingRequestWrapper.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/UndertowServerHttpResponse.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/ServletRequestPathFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/client/AsyncRequestCallback.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/MediaType.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/web/cors/CorsConfiguration.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/NettyHeadersAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/ExceptionHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/reactive/NettyHeadersAdapter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/AbstractListenerWriteProcessor.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpHeaders.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/json/Jackson2SmileEncoder.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/MediaTypeFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/CodecConfigurer.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ServerHttpRequestDecorator.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/reactive/ForwardedHeaderFilter.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/http/ContentDisposition.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/OncePerRequestFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/server/reactive/ServerHttpRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/MissingRequestCookieException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/method/HandlerTypePredicate.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/codec/json/KotlinSerializationJsonEncoder.java
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jar/org/springframework/web/bind/support/SpringWebConstraintValidatorFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/MultipartResolver.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/RequestContextFilter.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/RequestContextListener.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/HttpMessage.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/HttpMessageConversionException.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/context/request/DestructionCallbackBindingListener.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/CommonsRequestLoggingFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/SessionAttributes.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/converter/HttpMessageNotWritableException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/WebFilter.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/HttpSessionMutexListener.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/PatchMapping.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/SessionAttribute.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/http/converter/json/SpringHandlerInstantiator.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/HttpRequestHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/FacesWebRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/SessionScope.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/ClientHttpRequestFactory.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/RequestScope.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/WebAppRootListener.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/httpinvoker/HttpInvokerRequestExecutor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/DeleteMapping.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/annotation/RequestScope.java
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 /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/PostMapping.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/GetMapping.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/multipart/MultipartRequest.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/annotation/ApplicationScope.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/client/ClientHttpRequestExecution.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/WebExceptionHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/WebApplicationContext.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/annotation/PutMapping.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/reactive/CorsConfigurationSource.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/ReactiveHttpOutputMessage.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/ReactiveHttpInputMessage.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/WebRequestInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/filter/CompositeFilter.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/method/annotation/RequestHeaderMapMethodArgumentResolver.java
* /spring-web-5-3-21-sources-
jar/org/springframework/web/context/request/async/TimeoutDeferredResultProcessingInterceptor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/cors/CorsConfigurationSource.java
* /spring-web-5-3-21-sources-

jar/org/springframework/web/context/request/async/AsyncRequestTimeoutException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/server/WebHandler.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/request/RequestContextHolder.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/annotation/SessionScope.java
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* /spring-web-5-3-21-sources-jar/org/springframework/web/client/ResourceAccessException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/jsf/DelegatingPhaseListenerMulticaster.java
*
 /spring-web-5-3-21-sources-jar/org/springframework/http/client/AbstractClientHttpResponse.java
* /spring-web-5-3-21-sources-jar/org/springframework/http/MediaTypeEditor.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/HttpMediaTypeNotAcceptableException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/support/SimpleSessionStatus.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/bind/ServletRequestBindingException.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/util/IntrospectorCleanupListener.java
* /spring-web-5-3-21-sources-jar/org/springframework/web/context/ConfigurableWebEnvironment.java
* /spring-web-5-3-21-sources-jar/org/springframework/remoting/jaxws/JaxWsSoapFaultException.java
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This file maps Internet media types to unique file extension(s).
Although created for httpd, this file is used by many software systems
and has been placed in the public domain for unlimited redistribution.
#
The table below contains both registered and (common) unregistered types.
A type that has no unique extension can be ignored -- they are listed
here to guide configurations toward known types and to make it easier to
identify "new" types. File extensions are also commonly used to indicate
content languages and encodings, so choose them carefully.
#
Internet media types should be registered as described in RFC 4288.
The registry is at <https://www.iana.org/assignments/media-types/>.
#
This file was retrieved from
https://svn.apache.org/viewvc/httpd/httpd/trunk/docs/conf/mime.types?revision=1752884&view=co
#
MIME type (lowercased)   Extensions
== ==========
#
 application/1d-interleaved-parityfec
application/3gpdash-qoe-report+xml
application/3gpp-ims+xml
application/a2l
application/activemessage
application/alto-costmap+json
application/alto-costmapfilter+json
application/alto-directory+json
application/alto-endpointcost+json
application/alto-endpointcostparams+json
application/alto-endpointprop+json
application/alto-endpointpropparams+json
application/alto-error+json
application/alto-networkmap+json
application/alto-networkmapfilter+json
application/aml
application/andrew-inset   ez

```
# application/applefile
application/applixware    aw
# application/atf
# application/atfx
application/atom+xml    atom
application/atomcat+xml    atomcat
# application/atomdeleted+xml
# application/atomicmail
application/atomsvc+xml    atomsvc
# application/atxml
# application/auth-policy+xml
# application/bacnet-xdd+zip
# application/batch-smtp
# application/beep+xml
# application/calendar+json
# application/calendar+xml
#
 application/call-completion
# application/cals-1840
# application/cbor
# application/ccmp+xml
application/ccxml+xml    ccxml
# application/cdfx+xml
application/cdmi-capability    cdmia
application/cdmi-container    cdmic
application/cdmi-domain    cdmid
application/cdmi-object    cdmio
application/cdmi-queue    cdmiq
# application/cdni
# application/cea
# application/cea-2018+xml
# application/cellml+xml
# application/cfw
# application/cms
# application/cnrp+xml
# application/coap-group+json
# application/commonground
# application/conference-info+xml
# application/cpl+xml
# application/csrattrs
# application/csta+xml
# application/cstadata+xml
# application/csvm+json
application/cu-seeme    cu
# application/cybercash
# application/dash+xml
# application/dashdelta
application/davmount+xml    davmount
```

```
# application/dca-rft
# application/dcd
# application/dec-dx
# application/dialog-info+xml
# application/dicom
# application/dii
# application/dit
# application/dns
application/docbook+xml    dbk
#
 application/dskpp+xml
application/dssc+der    dssc
application/dssc+xml    xdssc
# application/dvcs
application/ecmascript    ecma
# application/edi-consent
# application/edi-x12
# application/edifact
# application/efi
# application/emergencycalldata.comment+xml
# application/emergencycalldata.deviceinfo+xml
# application/emergencycalldata.providerinfo+xml
# application/emergencycalldata.serviceinfo+xml
# application/emergencycalldata.subscriberinfo+xml
application/emma+xml    emma
# application/emotionml+xml
# application/encaprtp
# application/epp+xml
application/epub+zip    epub
# application/eshop
# application/example
application/exi    exi
# application/fastinfoset
# application/fastsoap
# application/fdt+xml
# application/fits
# application/font-sfnt
application/font-tdpfr    pfr
application/font-woff    woff
# application/framework-attributes+xml
# application/geo+json
application/gml+xml    gml
application/gpx+xml    gpx
application/gxf    gxf
# application/gzip
#
 application/h224
# application/held+xml
```

```
# application/http
application/hyperstudio    stk
# application/ibe-key-request+xml
# application/ibe-pkg-reply+xml
# application/ibe-pp-data
# application/iges
# application/im-iscomposing+xml
# application/index
# application/index.cmd
# application/index.obj
# application/index.response
# application/index.vnd
application/inkml+xml    ink inkml
# application/iotp
application/ipfix    ipfix
# application/ipp
# application/isup
# application/its+xml
application/java-archive   jar
application/java-serialized-object  ser
application/java-vm    class
application/javascript    js
# application/jose
# application/jose+json
# application/jrd+json
application/json    json
# application/json-patch+json
# application/json-seq
application/jsonml+json    jsonml
# application/jwk+json
# application/jwk-set+json
# application/jwt
# application/kpml-request+xml
# application/kpml-response+xml
# application/ld+json
# application/lgr+xml
# application/link-format
#
 application/load-control+xml
application/lost+xml    lostxml
# application/lostsync+xml
# application/lxf
application/mac-binhex40   hqx
application/mac-compactpro   cpt
# application/macwriteii
application/mads+xml    mads
application/marc    mrc
application/marcxml+xml    mrcx
```

application/mathematica ma nb mb
application/mathml+xml mathml
application/mathml-content+xml
application/mathml-presentation+xml
application/mbms-associated-procedure-description+xml
application/mbms-deregister+xml
application/mbms-envelope+xml
application/mbms-msk+xml
application/mbms-msk-response+xml
application/mbms-protection-description+xml
application/mbms-reception-report+xml
application/mbms-register+xml
application/mbms-register-response+xml
application/mbms-schedule+xml
application/mbms-user-service-description+xml
application/mbox mbox
application/media-policy-dataset+xml
application/media_control+xml
application/mediaservercontrol+xml mscml
application/merge-patch+json
application/metalink+xml metalink
application/metalink4+xml meta4
application/mets+xml mets
#
application/mf4
application/mikey
application/mods+xml mods
application/moss-keys
application/moss-signature
application/mosskey-data
application/mosskey-request
application/mp21 m21 mp21
application/mp4 mp4s
application/mpeg4-generic
application/mpeg4-iod
application/mpeg4-iod-xmt
application/mrb-consumer+xml
application/mrb-publish+xml
application/msc-ivr+xml
application/msc-mixer+xml
application/msword doc dot
application/mxf mxf
application/nasdata
application/news-checkgroups
application/news-groupinfo
application/news-transmission
application/nlsml+xml
application/nss

application/ocsp-request
application/ocsp-response
application/octet-stream bin dms lrf mar so dist distz pkg bpk dump elc deploy
application/oda oda
application/odx
application/oebps-package+xml opf
application/ogg ogx
application/omdoc+xml omdoc
application/onenote onetoc
onetoc2 onetmp onepkg
application/oxps oxps
application/p2p-overlay+xml
application/parityfec
application/patch-ops-error+xml xer
application/pdf pdf
application/pdx
application/pgp-encrypted pgp
application/pgp-keys
application/pgp-signature asc sig
application/pics-rules prf
application/pidf+xml
application/pidf-diff+xml
application/pkcs10 p10
application/pkcs12
application/pkcs7-mime p7m p7c
application/pkcs7-signature p7s
application/pkcs8 p8
application/pkix-attr-cert ac
application/pkix-cert cer
application/pkix-crl crl
application/pkix-pkipath pkipath
application/pkixcmp pki
application/pls+xml pls
application/poc-settings+xml
application/postscript ai eps ps
application/ppsp-tracker+json
application/problem+json
application/problem+xml
application/provenance+xml
application/prs.alvestrand.titrax-sheet
application/prs.cww cww
application/prs.hpub+zip
#
application/prs.nprend
application/prs.plucker
application/prs.rdf-xml-crypt
application/prs.xsf+xml
application/pskc+xml pskcxml

```
# application/qsig
# application/raptorfec
# application/rdap+json
application/rdf+xml    rdf
application/reginfo+xml    rif
application/relax-ng-compact-syntax  rnc
# application/remote-printing
# application/reputon+json
application/resource-lists+xml   rl
application/resource-lists-diff+xml  rld
# application/rfc+xml
# application/riscos
# application/rlmi+xml
application/rls-services+xml   rs
application/rpki-ghostbusters   gbr
application/rpki-manifest   mft
application/rpki-roa    roa
# application/rpki-updown
application/rsd+xml    rsd
application/rss+xml    rss
application/rtf     rtf
# application/rtploopback
# application/rtx
# application/samlassertion+xml
# application/samlmetadata+xml
application/sbml+xml    sbml
# application/scaip+xml
# application/scim+json
application/scvp-cv-request   scq
application/scvp-cv-response   scs
application/scvp-vp-request   spq
application/scvp-vp-response   spp
application/sdp     sdp
#
 application/sep+xml
# application/sep-exi
# application/session-info
# application/set-payment
application/set-payment-initiation  setpay
# application/set-registration
application/set-registration-initiation  setreg
# application/sgml
# application/sgml-open-catalog
application/shf+xml    shf
# application/sieve
# application/simple-filter+xml
# application/simple-message-summary
# application/simplesymbolcontainer
```

```
# application/slate
# application/smil
application/smil+xml    smi smil
# application/smpte336m
# application/soap+fastinfoset
# application/soap+xml
application/sparql-query   rq
application/sparql-results+xml   srx
# application/spirits-event+xml
# application/sql
application/srgs    gram
application/srgs+xml    grxml
application/sru+xml    sru
application/ssdl+xml    ssdl
application/ssml+xml    ssml
# application/tamp-apex-update
# application/tamp-apex-update-confirm
# application/tamp-community-update
#
 application/tamp-community-update-confirm
# application/tamp-error
# application/tamp-sequence-adjust
# application/tamp-sequence-adjust-confirm
# application/tamp-status-query
# application/tamp-status-response
# application/tamp-update
# application/tamp-update-confirm
application/tei+xml    tei teicorpus
application/thraud+xml    tfi
# application/timestamp-query
# application/timestamp-reply
application/timestamped-data   tsd
# application/ttml+xml
# application/tve-trigger
# application/ulpfec
# application/urc-grpsheet+xml
# application/urc-ressheet+xml
# application/urc-targetdesc+xml
# application/urc-uisocketdesc+xml
# application/vcard+json
# application/vcard+xml
# application/vemmi
# application/vividence.scriptfile
# application/vnd.3gpp-prose+xml
# application/vnd.3gpp-prose-pc3ch+xml
# application/vnd.3gpp.access-transfer-events+xml
# application/vnd.3gpp.bsf+xml
# application/vnd.3gpp.mid-call+xml
```

application/vnd.3gpp.pic-bw-large plb
application/vnd.3gpp.pic-bw-small psb
application/vnd.3gpp.pic-bw-var pvb
#
 application/vnd.3gpp.sms
application/vnd.3gpp.sms+xml
application/vnd.3gpp.srvcc-ext+xml
application/vnd.3gpp.srvcc-info+xml
application/vnd.3gpp.state-and-event-info+xml
application/vnd.3gpp.ussd+xml
application/vnd.3gpp2.bcmcsinfo+xml
application/vnd.3gpp2.sms
application/vnd.3gpp2.tcap tcap
application/vnd.3lightssoftware.imagescal
application/vnd.3m.post-it-notes pwn
application/vnd.accpac.simply.aso aso
application/vnd.accpac.simply.imp imp
application/vnd.acucobol acu
application/vnd.acucorp atc acutc
application/vnd.adobe.air-application-installer-package+zip air
application/vnd.adobe.flash.movie
application/vnd.adobe.formscentral.fcdt fcdt
application/vnd.adobe.fxp fxp fxpl
application/vnd.adobe.partial-upload
application/vnd.adobe.xdp+xml xdp
application/vnd.adobe.xfdf xfdf
application/vnd.aether.imp
application/vnd.ah-barcode
application/vnd.ahead.space ahead
application/vnd.airzip.filesecure.azf azf
application/vnd.airzip.filesecure.azs azs
application/vnd.amazon.ebook azw
#
 application/vnd.amazon.mobi8-ebook
application/vnd.americandynamics.acc acc
application/vnd.amiga.ami ami
application/vnd.amundsen.maze+xml
application/vnd.android.package-archive apk
application/vnd.anki
application/vnd.anser-web-certificate-issue-initiation cii
application/vnd.anser-web-funds-transfer-initiation fti
application/vnd.antix.game-component atx
application/vnd.apache.thrift.binary
application/vnd.apache.thrift.compact
application/vnd.apache.thrift.json
application/vnd.api+json
application/vnd.apple.installer+xml mpkg
application/vnd.apple.mpegurl m3u8

```
# application/vnd.arastra.swi
application/vnd.aristanetworks.swi  swi
# application/vnd.artsquare
application/vnd.astraea-software.iota  iota
application/vnd.audiograph   aep
# application/vnd.autopackage
# application/vnd.avistar+xml
# application/vnd.balsamiq.bmml+xml
# application/vnd.balsamiq.bmpr
#
 application/vnd.bekitzur-stech+json
# application/vnd.biopax.rdf+xml
application/vnd.blueice.multipass  mpm
# application/vnd.bluetooth.ep.oob
# application/vnd.bluetooth.le.oob
application/vnd.bmi    bmi
application/vnd.businessobjects   rep
# application/vnd.cab-jscript
# application/vnd.canon-cpdl
# application/vnd.canon-lips
# application/vnd.cendio.thinlinc.clientconf
# application/vnd.century-systems.tcp_stream
application/vnd.chemdraw+xml   cdxml
# application/vnd.chess-pgn
application/vnd.chipnuts.karaoke-mmd  mmd
application/vnd.cinderella   cdy
# application/vnd.cirpack.isdn-ext
# application/vnd.citationstyles.style+xml
application/vnd.claymore   cla
application/vnd.cloanto.rp9   rp9
application/vnd.clonk.c4group   c4g c4d c4f c4p c4u
application/vnd.cluetrust.cartomobile-config  c11amc
application/vnd.cluetrust.cartomobile-config-pkg c11amz
# application/vnd.coffeescript
# application/vnd.collection+json
# application/vnd.collection.doc+json
# application/vnd.collection.next+json
#
 application/vnd.comicbook+zip
# application/vnd.commerce-battelle
application/vnd.commonspace   csp
application/vnd.contact.cmsg   cdbcmsg
# application/vnd.coreos.ignition+json
application/vnd.cosmocaller   cmc
application/vnd.crick.clicker   clkx
application/vnd.crick.clicker.keyboard  clkk
application/vnd.crick.clicker.palette  clkp
application/vnd.crick.clicker.template  clkt
```

application/vnd.crick.clicker.wordbank clkw
application/vnd.criticaltools.wbs+xml wbs
application/vnd.ctc-posml pml
application/vnd.ctct.ws+xml
application/vnd.cups-pdf
application/vnd.cups-postscript
application/vnd.cups-ppd ppd
application/vnd.cups-raster
application/vnd.cups-raw
application/vnd.curl
application/vnd.curl.car car
application/vnd.curl.pcurl pcurl
application/vnd.cyan.dean.root+xml
application/vnd.cybank
application/vnd.dart dart
application/vnd.data-vision.rdz rdz
application/vnd.debian.binary-package
application/vnd.dece.data uvf uvvf
uvd uvvd
application/vnd.dece.ttml+xml uvt uvvt
application/vnd.dece.unspecified uvx uvvx
application/vnd.dece.zip uvz uvvz
application/vnd.denovo.fcselayout-link fe_launch
application/vnd.desmume.movie
application/vnd.dir-bi.plate-dl-nosuffix
application/vnd.dm.delegation+xml
application/vnd.dna dna
application/vnd.document+json
application/vnd.dolby.mlp mlp
application/vnd.dolby.mobile.1
application/vnd.dolby.mobile.2
application/vnd.doremir.scorecloud-binary-document
application/vnd.dpgraph dpg
application/vnd.dreamfactory dfac
application/vnd.drive+json
application/vnd.ds-keypoint kpxx
application/vnd.dtg.local
application/vnd.dtg.local.flash
application/vnd.dtg.local.html
application/vnd.dvb.ait ait
application/vnd.dvb.dvbj
application/vnd.dvb.esgcontainer
application/vnd.dvb.ipdcdftnotifaccess
application/vnd.dvb.ipdcesgaccess
application/vnd.dvb.ipdcesgaccess2
application/vnd.dvb.ipdcesgpdd
application/vnd.dvb.ipdcroaming
#

application/vnd.dvb.iptv.alfec-base
application/vnd.dvb.iptv.alfec-enhancement
application/vnd.dvb.notif-aggregate-root+xml
application/vnd.dvb.notif-container+xml
application/vnd.dvb.notif-generic+xml
application/vnd.dvb.notif-ia-msglist+xml
application/vnd.dvb.notif-ia-registration-request+xml
application/vnd.dvb.notif-ia-registration-response+xml
application/vnd.dvb.notif-init+xml
application/vnd.dvb.pfr
application/vnd.dvb.service svc
application/vnd.dxr
application/vnd.dynageo geo
application/vnd.dzr
application/vnd.easykaraoke.cdgdownload
application/vnd.ecdis-update
application/vnd.ecowin.chart mag
application/vnd.ecowin.filerequest
application/vnd.ecowin.fileupdate
application/vnd.ecowin.series
application/vnd.ecowin.seriesrequest
application/vnd.ecowin.seriesupdate
application/vnd.emclient.accessrequest+xml
application/vnd.enliven nml
application/vnd.enphase.envoy
application/vnd.eprints.data+xml
application/vnd.epson.esf esf
application/vnd.epson.msf msf
application/vnd.epson.quickanime qam
application/vnd.epson.salt slt
application/vnd.epson.ssf ssf
#
application/vnd.ericsson.quickcall
application/vnd.eszigno3+xml es3 et3
application/vnd.etsi.aoc+xml
application/vnd.etsi.asic-e+zip
application/vnd.etsi.asic-s+zip
application/vnd.etsi.cug+xml
application/vnd.etsi.iptvcommand+xml
application/vnd.etsi.iptvdiscovery+xml
application/vnd.etsi.iptvprofile+xml
application/vnd.etsi.iptvsad-bc+xml
application/vnd.etsi.iptvsad-cod+xml
application/vnd.etsi.iptvsad-npvr+xml
application/vnd.etsi.iptvservice+xml
application/vnd.etsi.iptvsync+xml
application/vnd.etsi.iptvueprofile+xml
application/vnd.etsi.mcid+xml

```
# application/vnd.etsi.mheg5
# application/vnd.etsi.overload-control-policy-dataset+xml
# application/vnd.etsi.pstn+xml
# application/vnd.etsi.sci+xml
# application/vnd.etsi.simservs+xml
# application/vnd.etsi.timestamp-token
# application/vnd.etsi.tsl+xml
# application/vnd.etsi.tsl.der
#
 application/vnd.eudora.data
application/vnd.ezpix-album   ez2
application/vnd.ezpix-package   ez3
# application/vnd.f-secure.mobile
# application/vnd.fastcopy-disk-image
application/vnd.fdf    fdf
application/vnd.fdsn.mseed   mseed
application/vnd.fdsn.seed   seed dataless
# application/vnd.ffsns
# application/vnd.filmit.zfc
# application/vnd.fints
# application/vnd.firemonkeys.cloudcell
application/vnd.flographit   gph
application/vnd.fluxtime.clip   ftc
# application/vnd.font-fontforge-sfd
application/vnd.framemaker   fm frame maker book
application/vnd.frogans.fnc   fnc
application/vnd.frogans.ltf   ltf
application/vnd.fsc.weblaunch   fsc
application/vnd.fujitsu.oasys   oas
application/vnd.fujitsu.oasys2   oa2
application/vnd.fujitsu.oasys3   oa3
application/vnd.fujitsu.oasysgp   fg5
application/vnd.fujitsu.oasysprs  bh2
# application/vnd.fujixerox.art-ex
# application/vnd.fujixerox.art4
application/vnd.fujixerox.ddd   ddd
application/vnd.fujixerox.docuworks  xdw
application/vnd.fujixerox.docuworks.binder xbd
#
 application/vnd.fujixerox.docuworks.container
# application/vnd.fujixerox.hbpl
# application/vnd.fut-misnet
application/vnd.fuzzysheet   fzs
application/vnd.genomatix.tuxedo  txd
# application/vnd.geo+json
# application/vnd.geocube+xml
application/vnd.geogebra.file   ggb
application/vnd.geogebra.tool   ggt
```

application/vnd.geometry-explorer gex gre
application/vnd.geonext gxt
application/vnd.geoplan g2w
application/vnd.geospace g3w
application/vnd.gerber
application/vnd.globalplatform.card-content-mgt
application/vnd.globalplatform.card-content-mgt-response
application/vnd.gmx gmx
application/vnd.google-earth.kml+xml kml
application/vnd.google-earth.kmz kmz
application/vnd.gov.sk.e-form+xml
application/vnd.gov.sk.e-form+zip
application/vnd.gov.sk.xmldatacontainer+xml
application/vnd.grafeq gqf gqs
application/vnd.gridmp
application/vnd.groove-account gac
application/vnd.groove-help ghf
application/vnd.groove-identity-message gim
application/vnd.groove-injector grv
application/vnd.groove-tool-message gtm
application/vnd.groove-tool-template tpl
application/vnd.groove-vcard vcg
#
 application/vnd.hal+json
application/vnd.hal+xml hal
application/vnd.handheld-entertainment+xml zmm
application/vnd.hbci hbci
application/vnd.hcl-bireports
application/vnd.hdt
application/vnd.heroku+json
application/vnd.hhe.lesson-player les
application/vnd.hp-hpgl hpgl
application/vnd.hp-hpid hpid
application/vnd.hp-hps hps
application/vnd.hp-jlyt jlt
application/vnd.hp-pcl pcl
application/vnd.hp-pclxl pclxl
application/vnd.httphone
application/vnd.hydrostatix.sof-data sfd-hdstx
application/vnd.hyperdrive+json
application/vnd.hzn-3d-crossword
application/vnd.ibm.afplinedata
application/vnd.ibm.electronic-media
application/vnd.ibm.minipay mpy
application/vnd.ibm.modcap afp listafp list3820
application/vnd.ibm.rights-management irm
application/vnd.ibm.secure-container sc
application/vnd.iccprofile icc

icm
application/vnd.ieee.1905
application/vnd.igloader igl
application/vnd.immervision-ivp ivp
application/vnd.immervision-ivu ivu
application/vnd.ims.imsccv1p1
application/vnd.ims.imsccv1p2
application/vnd.ims.imsccv1p3
application/vnd.ims.lis.v2.result+json
application/vnd.ims.lti.v2.toolconsumerprofile+json
application/vnd.ims.lti.v2.toolproxy+json
application/vnd.ims.lti.v2.toolproxy.id+json
application/vnd.ims.lti.v2.toolsettings+json
application/vnd.ims.lti.v2.toolsettings.simple+json
application/vnd.informedcontrol.rms+xml
application/vnd.informix-visionary
application/vnd.infotech.project
application/vnd.infotech.project+xml
application/vnd.innopath.wamp.notification
application/vnd.insors.igm igm
application/vnd.intercon.formnet xpw xpx
application/vnd.intergeo i2g
application/vnd.intertrust.digibox
application/vnd.intertrust.nncp
application/vnd.intu.qbo qbo
application/vnd.intu.qfx qfx
#
application/vnd.iptc.g2.catalogitem+xml
application/vnd.iptc.g2.conceptitem+xml
application/vnd.iptc.g2.knowledgeitem+xml
application/vnd.iptc.g2.newsitem+xml
application/vnd.iptc.g2.newsmessage+xml
application/vnd.iptc.g2.packageitem+xml
application/vnd.iptc.g2.planningitem+xml
application/vnd.ipunplugged.rcprofile rcprofile
application/vnd.irepository.package+xml irp
application/vnd.is-xpr xpr
application/vnd.isac.fcs fcs
application/vnd.jam jam
application/vnd.japannet-directory-service
application/vnd.japannet-jpnstore-wakeup
application/vnd.japannet-payment-wakeup
application/vnd.japannet-registration
application/vnd.japannet-registration-wakeup
application/vnd.japannet-setstore-wakeup
application/vnd.japannet-verification
application/vnd.japannet-verification-wakeup
application/vnd.jcp.javame.midlet-rms rms

application/vnd.jisp jisp
application/vnd.joost.joda-archive joda
application/vnd.jsk.isdn-ngn
application/vnd.kahootz ktz
ktr
application/vnd.kde.karbon karbon
application/vnd.kde.kchart chrt
application/vnd.kde.kformula kfo
application/vnd.kde.kivio flw
application/vnd.kde.kontour kon
application/vnd.kde.kpresenter kpr kpt
application/vnd.kde.kspread ksp
application/vnd.kde.kword kwd kwt
application/vnd.kenameaapp htke
application/vnd.kidspiration kia
application/vnd.kinar kne knp
application/vnd.koan skp skd skt skm
application/vnd.kodak-descriptor sse
application/vnd.las.las+xml lasxml
application/vnd.liberty-request+xml
application/vnd.llamagraphics.life-balance.desktop lbd
application/vnd.llamagraphics.life-balance.exchange+xml lbe
application/vnd.lotus-1-2-3 123
application/vnd.lotus-approach apr
application/vnd.lotus-freelance pre
application/vnd.lotus-notes nsf
application/vnd.lotus-organizer org
application/vnd.lotus-screencam scm
application/vnd.lotus-wordpro lwp
application/vnd.macports.portpkg portpkg
application/vnd.mapbox-vector-tile
application/vnd.marlin.drm.actiontoken+xml
#
application/vnd.marlin.drm.conftoken+xml
application/vnd.marlin.drm.license+xml
application/vnd.marlin.drm.mdcf
application/vnd.mason+json
application/vnd.maxmind.maxmind-db
application/vnd.mcd mcd
application/vnd.medcalcdata mc1
application/vnd.mediastation.cdkey cdkey
application/vnd.meridian-slingshot
application/vnd.mfer mwf
application/vnd.mfmp mfm
application/vnd.micro+json
application/vnd.micrografx.flo flo
application/vnd.micrografx.igx igx
application/vnd.microsoft.portable-executable

```
# application/vnd.miele+json
application/vnd.mif    mif
# application/vnd.minisoft-hp3000-save
# application/vnd.mitsubishi.misty-guard.trustweb
application/vnd.mobius.daf   daf
application/vnd.mobius.dis   dis
application/vnd.mobius.mbk   mbk
application/vnd.mobius.mqy   mqy
application/vnd.mobius.msl   msl
application/vnd.mobius.plc   plc
application/vnd.mobius.txf   txf
application/vnd.mophun.application  mpn
application/vnd.mophun.certificate  mpc
#
 application/vnd.motorola.flexsuite
# application/vnd.motorola.flexsuite.adsi
# application/vnd.motorola.flexsuite.fis
# application/vnd.motorola.flexsuite.gotap
# application/vnd.motorola.flexsuite.kmr
# application/vnd.motorola.flexsuite.ttc
# application/vnd.motorola.flexsuite.wem
# application/vnd.motorola.iprm
application/vnd.mozilla.xul+xml   xul
# application/vnd.ms-3mfdocument
application/vnd.ms-artgalry   cil
# application/vnd.ms-asf
application/vnd.ms-cab-compressed  cab
# application/vnd.ms-color.iccprofile
application/vnd.ms-excel   xls xlm xla xlc xlt xlw
application/vnd.ms-excel.addin.macroenabled.12  xlam
application/vnd.ms-excel.sheet.binary.macroenabled.12 xlsb
application/vnd.ms-excel.sheet.macroenabled.12  xlsm
application/vnd.ms-excel.template.macroenabled.12 xltm
application/vnd.ms-fontobject   eot
application/vnd.ms-htmlhelp   chm
application/vnd.ms-ims    ims
application/vnd.ms-lrm    lrm
# application/vnd.ms-office.activex+xml
application/vnd.ms-officetheme   thmx
#
 application/vnd.ms-opentype
# application/vnd.ms-package.obfuscated-opentype
application/vnd.ms-pki.seccat   cat
application/vnd.ms-pki.stl   stl
# application/vnd.ms-playready.initiator+xml
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application/vnd.ms-powerpoint.addin.macroenabled.12  ppam
application/vnd.ms-powerpoint.presentation.macroenabled.12 pptm
```

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application/vnd.ms-printschematicket+xml
application/vnd.ms-project mpp mpt
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application/vnd.ms-windows.nwprinting.oob
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application/vnd.ms-windows.wsd.oob
application/vnd.ms-wmdrm.lic-chlg-req
application/vnd.ms-wmdrm.lic-resp
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application/vnd.ms-wmdrm.meter-chlg-req
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application/vnd.ms-wpl wpl
application/vnd.ms-xpsdocument xps
application/vnd.msa-disk-image
application/vnd.mseq mseq
application/vnd.msign
application/vnd.multiad.creator
application/vnd.multiad.creator.cif
application/vnd.music-niff
application/vnd.musician mus
application/vnd.muvee.style msty
application/vnd.mynfc taglet
application/vnd.ncd.control
application/vnd.ncd.reference
application/vnd.nervana
application/vnd.netfpx
application/vnd.neurolanguage.nlu nlu
application/vnd.nintendo.nitro.rom
application/vnd.nintendo.snes.rom
application/vnd.nitf ntf nitf
application/vnd.noblenet-directory nnd
application/vnd.noblenet-sealer nns
application/vnd.noblenet-web nnw
application/vnd.nokia.catalogs
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application/vnd.nokia.conml+wbxml
application/vnd.nokia.conml+xml
application/vnd.nokia.iptv.config+xml
application/vnd.nokia.isds-radio-presets

```
# application/vnd.nokia.landmark+wbxml
# application/vnd.nokia.landmark+xml
# application/vnd.nokia.landmarkcollection+xml
# application/vnd.nokia.n-gage.ac+xml
application/vnd.nokia.n-gage.data  ngdat
application/vnd.nokia.n-gage.symbian.install n-gage
# application/vnd.nokia.ncd
# application/vnd.nokia.pcd+wbxml
# application/vnd.nokia.pcd+xml
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application/vnd.nokia.radio-presets  rpss
application/vnd.novadigm.edm   edm
application/vnd.novadigm.edx   edx
application/vnd.novadigm.ext   ext
# application/vnd.ntt-local.content-share
# application/vnd.ntt-local.file-transfer
# application/vnd.ntt-local.ogw_remote-access
# application/vnd.ntt-local.sip-ta_remote
# application/vnd.ntt-local.sip-ta_tcp_stream
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application/vnd.oasis.opendocument.text   odt
application/vnd.oasis.opendocument.text-master  odm
application/vnd.oasis.opendocument.text-template ott
application/vnd.oasis.opendocument.text-web  oth
#
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# application/vnd.oipf.contentaccessdownload+xml
# application/vnd.oipf.contentaccessstreaming+xml
# application/vnd.oipf.cspg-hexbinary
# application/vnd.oipf.dae.svg+xml
#
 application/vnd.oipf.dae.xhtml+xml
# application/vnd.oipf.mippvcontrolmessage+xml
# application/vnd.oipf.pae.gem
# application/vnd.oipf.spdiscovery+xml
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application/vnd.oipf.spdlist+xml
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application/vnd.oma.bcast.drm-trigger+xml
application/vnd.oma.bcast.imd+xml
application/vnd.oma.bcast.ltkm
application/vnd.oma.bcast.notification+xml
application/vnd.oma.bcast.provisioningtrigger
application/vnd.oma.bcast.sgboot
application/vnd.oma.bcast.sgdd+xml
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application/vnd.oma.bcast.smartcard-trigger+xml
application/vnd.oma.bcast.sprov+xml
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#
application/vnd.oma.cab-feature-handler+xml
application/vnd.oma.cab-pcc+xml
application/vnd.oma.cab-subs-invite+xml
application/vnd.oma.cab-user-prefs+xml
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application/vnd.oma.dcdc
application/vnd.oma.dd2+xml dd2
application/vnd.oma.drm.risd+xml
application/vnd.oma.group-usage-list+xml
application/vnd.oma.lwm2m+json
application/vnd.oma.lwm2m+tlv
application/vnd.oma.pal+xml
application/vnd.oma.poc.detailed-progress-report+xml
application/vnd.oma.poc.final-report+xml
application/vnd.oma.poc.groups+xml
application/vnd.oma.poc.invocation-descriptor+xml
application/vnd.oma.poc.optimized-progress-report+xml
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application/vnd.oma.scidm.messages+xml
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application/vnd.omads-file+xml
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application/vnd.onepager
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#
 application/vnd.openblox.game-binary
application/vnd.openeye.oeb
application/vnd.openofficeorg.extension oxt
application/vnd.openxmlformats-officedocument.custom-properties+xml
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application/vnd.openxmlformats-officedocument.wordprocessingml.document.glossary+xml
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application/vnd.osgi.bundle
application/vnd.osgi.dp dp
application/vnd.osgi.subsystem esa
#
 application/vnd.otps.ct-kip+xml
application/vnd.oxli.countgraph
application/vnd.pagerduty+json
application/vnd.palm pdb pqa oprc
application/vnd.panoply

```
# application/vnd.paos.xml
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# application/vnd.pcos
application/vnd.pg.format   str
application/vnd.pg.osasli   ei6
# application/vnd.piaccess.application-licence
application/vnd.picsel    efif
application/vnd.pmi.widget   wg
# application/vnd.poc.group-advertisement+xml
application/vnd.pocketlearn   plf
application/vnd.powerbuilder6   pbd
# application/vnd.powerbuilder6-s
# application/vnd.powerbuilder7
# application/vnd.powerbuilder7-s
# application/vnd.powerbuilder75
# application/vnd.powerbuilder75-s
# application/vnd.preminet
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application/vnd.proteus.magazine  mgz
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# application/vnd.pwg-xhtml-print+xml
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# application/vnd.radisys.moml+xml
# application/vnd.radisys.msml+xml
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# application/vnd.radisys.msml-dialog-fax-sendrecv+xml
# application/vnd.radisys.msml-dialog-group+xml
# application/vnd.radisys.msml-dialog-speech+xml
# application/vnd.radisys.msml-dialog-transform+xml
# application/vnd.rainstor.data
# application/vnd.rapid
# application/vnd.rar
application/vnd.realvnc.bed   bed
application/vnd.recordare.musicxml  mxl
```

application/vnd.recordare.musicxml+xml musicxml
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 application/vnd.renlearn.rlprint
application/vnd.rig.cryptonote   cryptonote
application/vnd.rim.cod   cod
application/vnd.rn-realmedia   rm
application/vnd.rn-realmedia-vbr rmvb
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application/vnd.ruckus.download
application/vnd.s3sms
application/vnd.sailingtracker.track st
application/vnd.sbm.cid
application/vnd.sbm.mid2
application/vnd.scribus
application/vnd.sealed.3df
application/vnd.sealed.csf
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application/vnd.sealed.tiff
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application/vnd.sema   sema
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application/vnd.semf   semf
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application/vnd.shana.informed.interchange iif
application/vnd.shana.informed.package ipk
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 twds
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application/vnd.spotfire.sfs   sfs
application/vnd.sss-cod
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application/vnd.stardivision.draw sda
application/vnd.stardivision.impress sdd
application/vnd.stardivision.math smf
application/vnd.stardivision.writer sdw vor
application/vnd.stardivision.writer-global sgl
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application/vnd.stepmania.stepchart sm
application/vnd.street-stream
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application/vnd.sun.xml.calc sxc
application/vnd.sun.xml.calc.template stc
application/vnd.sun.xml.draw sxd
application/vnd.sun.xml.draw.template std
application/vnd.sun.xml.impress sxi
application/vnd.sun.xml.impress.template sti
application/vnd.sun.xml.math sxm
application/vnd.sun.xml.writer sxw
application/vnd.sun.xml.writer.global sxg
application/vnd.sun.xml.writer.template stw
application/vnd.sus-calendar sus
 susp
application/vnd.svd svd
application/vnd.swiftview-ics
application/vnd.symbian.install sis sisx
application/vnd.syncml+xml xsm
application/vnd.syncml.dm+wbxml bdm
application/vnd.syncml.dm+xml xdm
application/vnd.syncml.dm.notification
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application/vnd.syncml.dmddf+xml
application/vnd.syncml.dmtnds+wbxml
application/vnd.syncml.dmtnds+xml
application/vnd.syncml.ds.notification
application/vnd.tao.intent-module-archive tao
application/vnd.tcpdump.pcap pcap cap dmp
application/vnd.tmd.mediaflex.api+xml
application/vnd.tml
application/vnd.tmobile-livetv tmo
application/vnd.trid.tpt tpt
application/vnd.triscape.mxs mxs
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#
 application/vnd.truedoc
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application/vnd.ufdl ufd ufdl
application/vnd.uiq.theme utz
application/vnd.umajin umj

application/vnd.unity unityweb
application/vnd.uoml+xml uoml
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application/vnd.uplanet.cacheop
application/vnd.uplanet.cacheop-wbxml
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application/vnd.uplanet.channel-wbxml
application/vnd.uplanet.list
application/vnd.uplanet.list-wbxml
application/vnd.uplanet.listcmd
application/vnd.uplanet.listcmd-wbxml
application/vnd.uplanet.signal
application/vnd.uri-map
application/vnd.valve.source.material
application/vnd.vcx vcx
application/vnd.vd-study
application/vnd.vectorworks
application/vnd.vel+json
#
application/vnd.verimatrix.vcas
application/vnd.vidsoft.vidconference
application/vnd.visio vsd vst vss vsw
application/vnd.visionary vis
application/vnd.vividence.scriptfile
application/vnd.vsf vsf
application/vnd.wap.sic
application/vnd.wap.slc
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application/vnd.wap.wmlc wmlc
application/vnd.wap.wmlscriptc wmlsc
application/vnd.webturbo wtb
application/vnd.wfa.p2p
application/vnd.wfa.wsc
application/vnd.windows.devicepairing
application/vnd.wmc
application/vnd.wmf.bootstrap
application/vnd.wolfram.mathematica
application/vnd.wolfram.mathematica.package
application/vnd.wolfram.player nbp
application/vnd.wordperfect wpd
application/vnd.wqd wqd
application/vnd.wrq-hp3000-labelled
application/vnd.wt.stf stf
application/vnd.wv.csp+wbxml
application/vnd.wv.csp+xml

```
# application/vnd.wv.ssp+xml
# application/vnd.xacml+json
application/vnd.xara    xar
application/vnd.xfdl    xfdl
# application/vnd.xfdl.webform
#
 application/vnd.xmi+xml
# application/vnd.xmpie.cpkg
# application/vnd.xmpie.dpkg
# application/vnd.xmpie.plan
# application/vnd.xmpie.ppkg
# application/vnd.xmpie.xlim
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application/vnd.yamaha.hv-script  hvs
application/vnd.yamaha.hv-voice   hvp
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application/vnd.yamaha.smaf-phrase  spf
# application/vnd.yamaha.through-ngn
# application/vnd.yamaha.tunnel-udpencap
# application/vnd.yaoweme
application/vnd.yellowriver-custom-menu  cmp
application/vnd.zul    zir zirz
application/vnd.zzazz.deck+xml   zaz
application/voicexml+xml   vxml
# application/vq-rtcpxr
# application/watcherinfo+xml
# application/whoispp-query
# application/whoispp-response
application/widget    wgt
application/winhlp    hlp
# application/wita
# application/wordperfect5.1
application/wsdl+xml    wsdl
application/wspolicy+xml   wspolicy
application/x-7z-compressed   7z
application/x-abiword    abw
application/x-ace-compressed   ace
#
 application/x-amf
application/x-apple-diskimage   dmg
application/x-authorware-bin   aab x32 u32 vox
application/x-authorware-map   aam
application/x-authorware-seg   aas
application/x-bcpio    bcpio
application/x-bittorrent   torrent
```

application/x-blorb blb blorb
application/x-bzip bz
application/x-bzip2 bz2 boz
application/x-cbr cbr cba cbt cbz cb7
application/x-cdlink vcd
application/x-cfs-compressed cfs
application/x-chat chat
application/x-chess-pgn pgn
application/x-compress
application/x-conference nsc
application/x-cpio cpio
application/x-csh csh
application/x-debian-package deb udeb
application/x-dgc-compressed dgc
application/x-director dir dcr dxr cst cct cxt w3d fgd swa
application/x-doom wad
application/x-dtbncx+xml ncx
application/x-dtbook+xml dtb
application/x-dtbresource+xml res
application/x-dvi dvi
application/x-envoy evy
application/x-eva eva
application/x-font-bdf bdf
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application/x-font-dos
application/x-font-framemaker
application/x-font-ghostscript gsf
application/x-font-libgrx
application/x-font-linux-psf psf
application/x-font-otf otf
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application/x-font-speedo
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application/x-font-vfont
application/x-freearc arc
application/x-futuresplash spl
application/x-gca-compressed gca
application/x-glulx ulx
application/x-gnumeric gnumeric
application/x-gramps-xml gramps
application/x-gtar gtar
application/x-gzip
application/x-hdf hdf
application/x-install-instructions install
application/x-iso9660-image iso

application/x-java-jnlp-file jnlp
application/x-latex latex
application/x-lzh-compressed lzh lha
application/x-mie mie
application/x-mobipocket-ebook prc
mobi
application/x-ms-application application
application/x-ms-shortcut lnk
application/x-ms-wmd wmd
application/x-ms-wmz wmz
application/x-ms-xbap xbap
application/x-msaccess mdb
application/x-msbinder obd
application/x-mscardfile crd
application/x-msclip clp
application/x-msdownload exe dll com bat msi
application/x-msmediaview mvb m13 m14
application/x-msmetafile wmf wmz emf emz
application/x-msmoney mny
application/x-mspublisher pub
application/x-msschedule scd
application/x-msterminal trm
application/x-mswrite wri
application/x-netcdf nc cdf
application/x-nzb nzb
application/x-pkcs12 p12 pfx
application/x-pkcs7-certificates p7b spc
application/x-pkcs7-certreqresp p7r
application/x-rar-compressed rar
application/x-research-info-systems ris
application/x-sh sh
application/x-shar shar
application/x-shockwave-flash swf
application/x-silverlight-app xap
application/x-sql sql
application/x-stuffit sit
application/x-stuffitx sitx
application/x-subrip srt
application/x-sv4cpio sv4cpio
application/x-sv4crc sv4crc
application/x-t3vm-image t3
application/x-tads gam
application/x-tar tar
application/x-tcl tcl
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application/x-tex-tfm tfm
application/x-texinfo texinfo

texi
application/x-tgif obj
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application/x-wais-source src
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application/x-xliff+xml xlf
application/x-xpinstall xpi
application/x-xz xz
application/x-zmachine z1 z2 z3 z4 z5 z6 z7 z8
application/x400-bp
application/xacml+xml
application/xaml+xml xaml
application/xcap-att+xml
application/xcap-caps+xml
application/xcap-diff+xml xdf
application/xcap-el+xml
application/xcap-error+xml
application/xcap-ns+xml
application/xcon-conference-info+xml
application/xcon-conference-info-diff+xml
application/xenc+xml xenc
application/xhtml+xml xhtml
xht
application/xhtml-voice+xml
application/xml xml xsl
application/xml-dtd dtd
application/xml-external-parsed-entity
application/xml-patch+xml
application/xmpp+xml
application/xop+xml xop
application/xproc+xml xpl
application/xslt+xml xslt
application/xspf+xml xspf
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audio/3gpp
audio/3gpp2
audio/ac3
audio/adpcm adp
audio/amr
audio/amr-wb

audio/amr-wb+
audio/aptx
audio/asc
audio/atrac-advanced-lossless
audio/atrac-x
audio/atrac3
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audio/bv16
audio/bv32
audio/clearmode
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audio/dat12
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audio/dsr-es202050
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audio/mp4a-latm
audio/mpa
audio/mpa-robust
audio/mpeg mpga mp2 mp2a mp3 m2a m3a
audio/mpeg4-generic
audio/musepack
audio/ogg oga ogg spx
audio/opus
audio/parityfec
audio/pcma
audio/pcma-wb
audio/pcmu
audio/pcmu-wb
audio/prs.sid
audio/qcelp
audio/raptorfec
audio/red
audio/rtp-enc-aescm128
audio/rtp-midi
audio/rtploopback
audio/rtx
audio/s3m s3m
audio/silk sil
#
audio/smv
audio/smv-qcp
audio/smv0
audio/sp-midi
audio/speex
audio/t140c

```
# audio/t38
# audio/telephone-event
# audio/tone
# audio/uemclip
# audio/ulpfec
# audio/vdvi
# audio/vmr-wb
# audio/vnd.3gpp.iufp
# audio/vnd.4sb
# audio/vnd.audiokoz
# audio/vnd.celp
# audio/vnd.cisco.nse
# audio/vnd.cmles.radio-events
# audio/vnd.cns.anp1
# audio/vnd.cns.inf1
audio/vnd.dece.audio    uva uvva
audio/vnd.digital-winds    eol
# audio/vnd.dlna.adts
# audio/vnd.dolby.heaac.1
# audio/vnd.dolby.heaac.2
# audio/vnd.dolby.mlp
# audio/vnd.dolby.mps
# audio/vnd.dolby.pl2
# audio/vnd.dolby.pl2x
# audio/vnd.dolby.pl2z
# audio/vnd.dolby.pulse.1
audio/vnd.dra     dra
audio/vnd.dts     dts
audio/vnd.dts.hd    dtshd
# audio/vnd.dvb.file
# audio/vnd.everad.plj
# audio/vnd.hns.audio
audio/vnd.lucent.voice    lvp
audio/vnd.ms-playready.media.pya  pya
# audio/vnd.nokia.mobile-xmf
# audio/vnd.nortel.vbk
audio/vnd.nuera.ecelp4800   ecelp4800
audio/vnd.nuera.ecelp7470   ecelp7470
audio/vnd.nuera.ecelp9600   ecelp9600
#
 audio/vnd.octel.sbc
# audio/vnd.qcelp
# audio/vnd.rhetorex.32kadpcm
audio/vnd.rip     rip
# audio/vnd.sealedmedia.softseal.mpeg
# audio/vnd.vmx.cvsd
# audio/vorbis
# audio/vorbis-config
```

audio/webm weba
audio/x-aac aac
audio/x-aiff aif aiff aifc
audio/x-caf caf
audio/x-flac flac
audio/x-matroska mka
audio/x-mpegurl m3u
audio/x-ms-wax wax
audio/x-ms-wma wma
audio/x-pn-realaudio ram ra
audio/x-pn-realaudio-plugin rmp
audio/x-tta
audio/x-wav wav
audio/xm xm
chemical/x-cdx cdx
chemical/x-cif cif
chemical/x-cmdf cmdf
chemical/x-cml cml
chemical/x-csml csml
chemical/x-pdb
chemical/x-xyz xyz
image/bmp bmp
image/cgm cgm
image/dicom-rle
image/emf
image/example
image/fits
image/g3fax g3
image/gif gif
image/ief ief
image/jls
image/jp2
image/jpeg jpeg jpg jpe
image/jpm
image/jpx
image/ktx ktx
image/naplps
image/png png
image/prs.btif btif
#
image/prs.pti
image/pwg-raster
image/sgi sgi
image/svg+xml svg svgz
image/t38
image/tiff tiff tif
image/tiff-fx
image/vnd.adobe.photoshop psd

image/vnd.airzip.accelerator.azv
image/vnd.cns.inf2
image/vnd.dece.graphic uvi uvvi uvg uvvg
image/vnd.djvu djvu djv
image/vnd.dvb.subtitle sub
image/vnd.dwg dwg
image/vnd.dxf dxf
image/vnd.fastbidsheet fbs
image/vnd.fpx fpx
image/vnd.fst fst
image/vnd.fujixerox.edmics-mmr mmr
image/vnd.fujixerox.edmics-rlc rlc
image/vnd.globalgraphics.pgb
image/vnd.microsoft.icon
image/vnd.mix
image/vnd.mozilla.apng
image/vnd.ms-modi mdi
image/vnd.ms-photo wdp
image/vnd.net-fpx npx
image/vnd.radiance
image/vnd.sealed.png
image/vnd.sealedmedia.softseal.gif
image/vnd.sealedmedia.softseal.jpg
image/vnd.svf
image/vnd.tencent.tap
image/vnd.valve.source.texture
image/vnd.wap.wbmp wbmp
image/vnd.xiff xif
image/vnd.zbrush.pcx
image/webp webp
image/wmf
image/x-3ds 3ds
image/x-cmu-raster ras
image/x-cmx cmx
image/x-freehand fh
fhc fh4 fh5 fh7
image/x-icon ico
image/x-mrsid-image sid
image/x-pcx pcx
image/x-pict pic pct
image/x-portable-anymap pnm
image/x-portable-bitmap pbm
image/x-portable-graymap pgm
image/x-portable-pixmap ppm
image/x-rgb rgb
image/x-tga tga
image/x-xbitmap xbm
image/x-xpixmap xpm

image/x-xwindowdump xwd
message/cpim
message/delivery-status
message/disposition-notification
message/example
message/external-body
message/feedback-report
message/global
message/global-delivery-status
message/global-disposition-notification
message/global-headers
message/http
message/imdn+xml
message/news
message/partial
message/rfc822 eml mime
message/s-http
message/sip
message/sipfrag
message/tracking-status
message/vnd.si.simp
message/vnd.wfa.wsc
model/example
model/gltf+json
model/iges igs iges
model/mesh msh mesh silo
model/vnd.collada+xml dae
model/vnd.dwf dwf
#
model/vnd.flatland.3dml
model/vnd.gdl gdl
model/vnd.gs-gdl
model/vnd.gs.gdl
model/vnd.gtw gtw
model/vnd.moml+xml
model/vnd.mts mts
model/vnd.opengex
model/vnd.parasolid.transmit.binary
model/vnd.parasolid.transmit.text
model/vnd.rosette.annotated-data-model
model/vnd.valve.source.compiled-map
model/vnd.vtu vtu
model/vrml wrl vrml
model/x3d+binary x3db x3dbz
model/x3d+fastinfoset
model/x3d+vrml x3dv x3dvz
model/x3d+xml x3d x3dz
model/x3d-vrml

```
# multipart/alternative
# multipart/appledouble
# multipart/byteranges
# multipart/digest
# multipart/encrypted
# multipart/example
# multipart/form-data
# multipart/header-set
# multipart/mixed
# multipart/parallel
# multipart/related
# multipart/report
# multipart/signed
# multipart/voice-message
# multipart/x-mixed-replace
# text/1d-interleaved-parityfec
text/cache-manifest    appcache
text/calendar     ics ifb
text/css     css
text/csv     csv
# text/csv-schema
#
 text/directory
# text/dns
# text/ecmascript
# text/encaprtp
# text/enriched
# text/example
# text/fwdred
# text/grammar-ref-list
text/html     html htm
# text/javascript
# text/jcr-cnd
# text/markdown
# text/mizar
text/n3      n3
# text/parameters
# text/parityfec
text/plain     txt text conf def list log in
# text/provenance-notation
# text/prs.fallenstein.rst
text/prs.lines.tag    dsc
# text/prs.prop.logic
# text/raptorfec
# text/red
# text/rfc822-headers
text/richtext     rtx
# text/rtf
```

```
# text/rtp-enc-aescm128
# text/rtploopback
# text/rtx
text/sgml	sgml sgm
# text/t140
text/tab-separated-values	tsv
text/troff	t tr roff man me ms
text/turtle	ttl
# text/ulpfec
text/uri-list	uri uris urls
text/vcard	vcard
# text/vnd.a
# text/vnd.abc
text/vnd.curl	curl
text/vnd.curl.dcurl	dcurl
text/vnd.curl.mcurl	mcurl
text/vnd.curl.scurl	scurl
# text/vnd.debian.copyright
# text/vnd.dmclientscript
text/vnd.dvb.subtitle	sub
# text/vnd.esmertec.theme-descriptor
text/vnd.fly	fly
text/vnd.fmi.flexstor	flx
text/vnd.graphviz	gv
text/vnd.in3d.3dml	3dml
text/vnd.in3d.spot	spot
#
 text/vnd.iptc.newsml
# text/vnd.iptc.nitf
# text/vnd.latex-z
# text/vnd.motorola.reflex
# text/vnd.ms-mediapackage
# text/vnd.net2phone.commcenter.command
# text/vnd.radisys.msml-basic-layout
# text/vnd.si.uricatalogue
text/vnd.sun.j2me.app-descriptor	jad
# text/vnd.trolltech.linguist
# text/vnd.wap.si
# text/vnd.wap.sl
text/vnd.wap.wml	wml
text/vnd.wap.wmlscript	wmls
text/x-asm	s asm
text/x-c	c cc cxx cpp h hh dic
text/x-fortran	f for f77 f90
text/x-java-source	java
text/x-nfo	nfo
text/x-opml	opml
text/x-pascal	p pas
```

text/x-setext etx
text/x-sfv sfv
text/x-uuencode uu
text/x-vcalendar vcs
text/x-vcard vcf
text/xml
text/xml-external-parsed-entity
video/1d-interleaved-parityfec
video/3gpp 3gp
video/3gpp-tt
video/3gpp2 3g2
video/bmpeg
video/bt656
video/celb
video/dv
video/encaprtp
#
video/example
video/h261 h261
video/h263 h263
video/h263-1998
video/h263-2000
video/h264 h264
video/h264-rcdo
video/h264-svc
video/h265
video/iso.segment
video/jpeg jpgv
video/jpeg2000
video/jpm jpm jpgm
video/mj2 mj2 mjp2
video/mp1s
video/mp2p
video/mp2t
video/mp4 mp4 mp4v mpg4
video/mp4v-es
video/mpeg mpeg mpg mpe m1v m2v
video/mpeg4-generic
video/mpv
video/nv
video/ogg ogv
video/parityfec
video/pointer
video/quicktime qt mov
video/raptorfec
video/raw
video/rtp-enc-aescm128
video/rtploopback

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video/smpte292m
video/ulpfec
video/vc1
video/vnd.cctv
video/vnd.dece.hd uvh uvvh
video/vnd.dece.mobile uvm uvvm
video/vnd.dece.mp4
video/vnd.dece.pd uvp uvvp
video/vnd.dece.sd uvs uvvs
video/vnd.dece.video uvv uvvv
video/vnd.directv.mpeg
video/vnd.directv.mpeg-tts
video/vnd.dlna.mpeg-tts
video/vnd.dvb.file dvb
video/vnd.fvt fvt
video/vnd.hns.video
video/vnd.iptvforum.1dparityfec-1010
#
video/vnd.iptvforum.1dparityfec-2005
video/vnd.iptvforum.2dparityfec-1010
video/vnd.iptvforum.2dparityfec-2005
video/vnd.iptvforum.ttsavc
video/vnd.iptvforum.ttsmpeg2
video/vnd.motorola.video
video/vnd.motorola.videop
video/vnd.mpegurl mxu m4u
video/vnd.ms-playready.media.pyv pyv
video/vnd.nokia.interleaved-multimedia
video/vnd.nokia.videovoip
video/vnd.objectvideo
video/vnd.radgamettools.bink
video/vnd.radgamettools.smacker
video/vnd.sealed.mpeg1
video/vnd.sealed.mpeg4
video/vnd.sealed.swf
video/vnd.sealedmedia.softseal.mov
video/vnd.uvvu.mp4 uvu uvvu
video/vnd.vivo viv
video/vp8
video/webm webm
video/x-f4v f4v
video/x-fli fli
video/x-flv flv
video/x-m4v m4v
video/x-matroska mkv mk3d mks
video/x-mng mng
video/x-ms-asf asf asx

video/x-ms-vob vob
video/x-ms-wm wm
video/x-ms-wmv wmv
video/x-ms-wmx wmx
video/x-ms-wvx wvx
video/x-msvideo avi
video/x-sgi-movie movie
video/x-smv smv
x-conference/x-cooltalk ice

Found
in path(s):
* /spring-web-5-3-21-sources-jar/org/springframework/http/mime.types

1.311 netty-resolver 4.1.78.Final

1.311.1 Available under license :

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* /netty-resolver-4-1-78-final-sources-jar/META-INF/maven/io.netty/netty-resolver/pom.xml
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Found in path(s):
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/HostsFileEntries.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/ResolvedAddressTypes.java
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* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/HostsFileEntriesProvider.java
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Found in path(s):
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/NoopAddressResolverGroup.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/AddressResolverGroup.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/NoopAddressResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/NameResolver.java
*
/netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/package-info.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/SimpleNameResolver.java
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* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/InetSocketAddressResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/AddressResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/DefaultNameResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/HostsFileParser.java
*
/netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/CompositeNameResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/DefaultAddressResolverGroup.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/AbstractAddressResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/HostsFileEntriesResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/DefaultHostsFileEntriesResolver.java
* /netty-resolver-4-1-78-final-sources-jar/io/netty/resolver/InetNameResolver.java

1.312 netty-transport 4.1.78.Final

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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelId.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/MessageSizeEstimator.java
*
 /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/ChannelMatcher.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/oio/DefaultOioSocketChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelHandlerAdapter.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/oio/DefaultOioServerSocketChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/nio/SelectedSelectionKeySet.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/DefaultAddressedEnvelope.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/oio/OioServerSocketChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelProgressiveFuture.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/DefaultChannelId.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/ChannelGroup.java
*
 /netty-transport-4-1-78-final-sources-jar/io/netty/channel/DefaultChannelProgressivePromise.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/AbstractEventLoopGroup.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelProgressiveFutureListener.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ConnectTimeoutException.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/SimpleChannelInboundHandler.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/ChannelGroupException.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelOutboundBuffer.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelProgressivePromise.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/AddressedEnvelope.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/ChannelMatchers.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannelConfig.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ReflectiveChannelFactory.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/DefaultMaxMessagesRecvByteBufAllocator.java
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 /netty-transport-4-1-78-final-sources-jar/io/netty/channel/pool/ChannelPoolMap.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/pool/ChannelPool.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/pool/AbstractChannelPoolMap.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/pool/SimpleChannelPool.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/MaxBytesRecvByteBufAllocator.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/pool/FixedChannelPool.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/pool/ChannelHealthChecker.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/pool/package-info.java
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*
 /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownException.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/oio/DefaultOioDatagramChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/internal/package-info.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/DelegatingChannelPromiseNotifier.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownReadComplete.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/ChannelOutputShutdownEvent.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/bootstrap/FailedChannel.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/nio/package-info.java
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 /netty-transport-4-1-78-final-sources-jar/io/netty/channel/nio/NioEventLoopGroup.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/CombinedIterator.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/AdaptiveRecvByteBufAllocator.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/InternetProtocolFamily.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelFuture.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/package-info.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/RecvByteBufAllocator.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/bootstrap/package-info.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/SocketChannel.java
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 /netty-transport-4-1-78-final-sources-jar/io/netty/channel/CombinedChannelDuplexHandler.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/bootstrap/ServerBootstrap.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/DefaultFileRegion.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/FailedChannelFuture.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/local/LocalChannelRegistry.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/DefaultChannelGroupFuture.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/ChannelGroupFuture.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/nio/NioEventLoop.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelOutboundHandler.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/nio/ProtocolFamilyConverter.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/SingleThreadEventLoop.java
*

/netty-transport-4-1-78-final-sources-jar/io/netty/channel/nio/NioTask.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/EventLoopException.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/oio/AbstractOioByteChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/AbstractServerChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/oio/package-info.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/oio/OioDatagramChannel.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelPromiseAggregator.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/oio/AbstractOioMessageChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/embedded/EmbeddedSocketAddress.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/DefaultChannelConfig.java
*
/netty-transport-4-1-78-final-sources-jar/io/netty/channel/nio/AbstractNioByteChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/ChannelInputShutdownEvent.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/bootstrap/Bootstrap.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/SucceededChannelFuture.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/local/package-info.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/AbstractChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelConfig.java
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*
/netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelOption.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/DatagramChannel.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/DefaultSocketChannelConfig.java
*
/netty-transport-4-1-78-final-sources-jar/io/netty/bootstrap/AbstractBootstrap.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/local/LocalAddress.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/oio/OioSocketChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelException.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelHandlerContext.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/Channel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/local/LocalServerChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/local/LocalChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelInboundHandler.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/nio/NioDatagramChannelConfig.java

*
/netty-transport-4-1-78-final-sources-jar/io/netty/channel/DefaultEventLoop.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelMetadata.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/ServerSocketChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ThreadPerChannelEventLoop.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/nio/NioSocketChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/AbstractChannelHandlerContext.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelInboundHandlerAdapter.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/group/package-info.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/DefaultServerSocketChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/nio/AbstractNioMessageChannel.java
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/netty-transport-4-1-78-final-sources-jar/io/netty/channel/package-info.java
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* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/SocketChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/nio/NioServerSocketChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/FileRegion.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/nio/package-info.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelPromise.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/DatagramChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/embedded/EmbeddedChannel.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/DefaultDatagramChannelConfig.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/EventLoop.java
*
/netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelPipelineException.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/socket/DatagramPacket.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/CompleteChannelFuture.java
* /netty-transport-4-1-78-final-sources-jar/io/netty/channel/ChannelPipeline.java
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*/
/**
* Handles an I/O event or intercepts an I/O operation, and forwards it to its next handler in
* its {@link ChannelPipeline}.
*
* <h3>Sub-types</h3>
* <p>
* {@link ChannelHandler} itself does not provide many methods, but you usually have to implement one of its
subtypes:
* <ul>
* <li>{@link
 ChannelInboundHandler} to handle inbound I/O events, and</li>
* <li>{@link ChannelOutboundHandler} to handle outbound I/O operations.</li>
* </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 a unauthenticated client can get
* the confidential information:
* <pre>
* // Create a new handler instance per channel.
* // See {@link ChannelInitializer#initChannel(Channel)}.
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>new DataServerHandler()</b>);
*     }
* }
*
* </pre>
*
* <h4>Using {@link AttributeKey}s</h4>
*
* Although it's recommended to use member variables to store the state of a
* handler, for some reason you might not want to create many handler instances.
* In such a case, you can use {@link AttributeKey}s which is provided by
* {@link ChannelHandlerContext}:
 * <pre>
* public interface Message {
*     // your methods here
* }
*
* {@code @Sharable}
```

```
* public class DataServerHandler extends {@link SimpleChannelInboundHandler}&lt;Message&gt; {
*     private final {@link AttributeKey}&lt;{@link Boolean}&gt; auth =
*           {@link AttributeKey#valueOf(String) AttributeKey.valueOf("auth")};
*
*     {@code @Override}
*     public void channelRead({@link ChannelHandlerContext} ctx, Message message) {
*         {@link Attribute}&lt;{@link Boolean}&gt; attr = ctx.attr(auth);
*         if (message instanceof LoginMessage) {
*             authenticate((LoginMessage) o);
*             <b>attr.set(true)</b>;
*         } else (message instanceof GetDataMessage) {
*             if (<b>Boolean.TRUE.equals(attr.get())</b>) {
*                 ctx.writeAndFlush(fetchSecret((GetDataMessage) o));
*             } else {
*                 fail();
*             }
*         }
*     }
*     ...
* }
* </pre>
* Now that the
 state of the handler is attached to the {@link ChannelHandlerContext}, you can add the
* same handler instance to different pipelines:
* <pre>
* public class DataServerInitializer extends {@link ChannelInitializer}&lt;{@link Channel}&gt; {
*
*     private static final DataServerHandler <b>SHARED</b> = new DataServerHandler();
*
*     {@code @Override}
*     public void initChannel({@link Channel} channel) {
*         channel.pipeline().addLast("handler", <b>SHARED</b>);
*     }
* }
* </pre>
*
*
* <h4>The {@code @Sharable} annotation</h4>
* <p>
* In the example above which used an {@link AttributeKey},
* you might have noticed the {@code @Sharable} annotation.
* <p>
* If a {@link ChannelHandler} is annotated with the {@code @Sharable}
* annotation, it means you can create an instance of the handler just once and
* add it to one or more {@link ChannelPipeline}s multiple times without
* a race condition.
* <p>
* If this annotation is not specified, you have to create
```

a new handler
* instance every time you add it to a pipeline because it has unshared state
* such as member variables.
* <p>
* This annotation is provided for documentation purpose, just like
* the JCIP annotations.
*
* <h3>Additional resources worth reading</h3>
* <p>
* Please refer to the {@link ChannelHandler}, and
* {@link ChannelPipeline} to find out more about inbound and outbound operations,
* what fundamental differences they have, how they flow in a pipeline, and how to handle
* the operation in your application.
*/

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1.313 netty-handler-proxy 4.1.78.Final

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* /netty-handler-proxy-4-1-78-final-sources-jar/io/netty/handler/proxy/ProxyConnectException.java
*
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1.314 spring-tx 5.3.21

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* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/event/TransactionalApplicationListenerSynchronization.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/annotation/TransactionManagementConfigurer.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/MatchAlwaysTransactionAttributeSource.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/PlatformTransactionManager.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/NameMatchTransactionAttributeSource.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/event/TransactionalApplicationListenerAdapter.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/config/TxAdviceBeanDefinitionParser.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/TransactionInterceptor.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/MethodMapTransactionAttributeSource.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/reactive/TransactionSynchronizationUtils.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/TransactionAttributeEditor.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/endpoint/GenericMessageEndpointManager.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/annotation/ProxyTransactionManagementConfiguration.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/TransactionSynchronization.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/reactive/TransactionalOperator.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/annotation/EnableTransactionManagement.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/endpoint/GenericMessageEndpointFactory.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/connection/SingleConnectionFactory.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/support/PersistenceExceptionTranslationInterceptor.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/support/DataAccessUtils.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/TransactionSynchronizationAdapter.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/ReactiveTransactionManager.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/SimpleTransactionScope.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/TransactionAttributeSourcePointcut.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/WebSphereUowTransactionManager.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/connection/TransactionAwareConnectionFactoryProxy.java

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* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/JtaAfterCompletionSynchronization.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/InvalidDataAccessApiUsageException.java
*
 /spring-tx-5-3-21-sources-jar/org/springframework/dao/TransientDataAccessResourceException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/connection/NotSupportedRecordFactory.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/PessimisticLockingFailureException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/TransactionFactory.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/ResourceTransactionManager.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionUsageException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/RecoverableDataAccessException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/DeadlockLoserDataAccessException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/IncorrectUpdateSemanticsDataAccessException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/UnexpectedRollbackException.java
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 /spring-tx-5-3-21-sources-jar/org/springframework/dao/EmptyResultDataAccessException.java
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* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/NestedTransactionNotSupportedException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/QueryTimeoutException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/InvalidIsolationLevelException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/CannotSerializeTransactionException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/config/TxNamespaceHandler.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/TransactionAttributeSourceEditor.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/DelegatingTransactionDefinition.java
*

/spring-tx-5-3-21-sources-jar/org/springframework/dao/InvalidDataAccessResourceUsageException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/InvalidResultSetAccessException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/CleanupFailureDataAccessException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/PermissionDeniedDataAccessException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/DataIntegrityViolationException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/TransactionTimedOutException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/interceptor/DelegatingTransactionAttribute.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/UserTransactionAdapter.java
* /spring-tx-5-3-21-sources-
jar/org/springframework/transaction/TransactionSuspensionNotSupportedException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/jta/ManagedTransactionAdapter.java
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/spring-tx-5-3-21-sources-jar/org/springframework/transaction/NoTransactionException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/annotation/PersistenceExceptionTranslationAdvisor.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/CannotCreateTransactionException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/IllegalTransactionStateException.java
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* /spring-tx-5-3-21-sources-jar/org/springframework/dao/TransientDataAccessException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/support/SimpleBootstrapContext.java
* /spring-tx-5-3-21-sources-
jar/org/springframework/transaction/interceptor/BeanFactoryTransactionAttributeSourceAdvisor.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/DataAccessException.java
* /spring-tx-5-3-21-sources-

jar/org/springframework/jca/cci/connection/ConnectionSpecConnectionFactoryAdapter.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/context/BootstrapContextAwareProcessor.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/support/ResourceAdapterFactoryBean.java
* /spring-tx-5-3-21-sources-jar/org/springframework/transaction/support/TransactionCallbackWithoutResult.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/UncategorizedDataAccessException.java
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* /spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/core/support/CommAreaRecord.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/OptimisticLockingFailureException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/context/ResourceAdapterApplicationContext.java
* /spring-tx-5-3-21-sources-
jar/org/springframework/transaction/support/CallbackPreferringPlatformTransactionManager.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/DataAccessResourceFailureException.java
* /spring-tx-5-3-21-sources-jar/org/springframework/jca/cci/core/CciOperations.java
* /spring-tx-5-3-21-sources-jar/org/springframework/dao/DataRetrievalFailureException.java
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1.315 spring-beans 5.3.21

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 /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/Aware.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/InitializingBean.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/ObjectProvider.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/DefaultDocumentLoader.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/SimpleSecurityContextProvider.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/PropertyMatches.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/support/PagedListHolder.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/UnsatisfiedDependencyException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/BeanDefinitionResource.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/Mergeable.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/NoUniqueBeanDefinitionException.java
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 /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/NoSuchBeanDefinitionException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/InstantiationStrategy.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/CustomDateEditor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/SmartFactoryBean.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/FieldRetrievingFactoryBean.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/BeanInstantiationException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/NamedBeanHolder.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/PropertyAccessorFactory.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/BeanCreationException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/PropertyOverrideConfigurer.java
*
 /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/AbstractFactoryBean.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/parsing/BeanComponentDefinition.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/AutowireCandidateQualifier.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/DefaultNamespaceHandlerResolver.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/BeanExpressionContext.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/CannotLoadBeanClassException.java
* /spring-beans-5-3-21-sources-

jar/org/springframework/beans/factory/config/DestructionAwareBeanPostProcessor.java
* /spring-beans-5-3-21-sources-
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* /spring-beans-5-3-21-sources-
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/spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/CustomBooleanEditor.java
* /spring-beans-5-3-21-sources-
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/CustomScopeConfigurer.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/MethodInvokingFactoryBean.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/parsing/FailFastProblemReporter.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/AbstractBeanDefinitionParser.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/MergedBeanDefinitionPostProcessor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/PropertyAccessException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/DisposableBean.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/ObjectFactory.java
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/spring-beans-5-3-21-sources-jar/org/springframework/beans/PropertyValues.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/xml/SimpleConstructorNamespaceHandler.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/wiring/BeanConfigurerSupport.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/BeanDefinitionStoreException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/BeanNotOfRequiredTypeException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/CustomNumberEditor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/XmlBeanFactory.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/MethodInvocationException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/InvalidPropertyException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/annotation/BeanFactoryAnnotationUtils.java
*
/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/ManagedArray.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/xml/DefaultBeanDefinitionDocumentReader.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/NotWritablePropertyException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/SimpleInstantiationStrategy.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/annotation/Required.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/ConstructorResolver.java
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 /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/ManagedSet.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/ListableBeanFactoryExtensions.kt
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/support/ResourceEditorRegistrar.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/ManagedMap.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/annotation/RequiredAnnotationBeanPostProcessor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/BeanUtils.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/RootBeanDefinition.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/AbstractAutowireCapableBeanFactory.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/DisposableBeanAdapter.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/annotation/InitDestroyAnnotationBeanPostProcessor.java
*
 /spring-beans-5-3-21-sources-jar/org/springframework/beans/CachedIntrospectionResults.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/BeanExpressionResolver.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/NamespaceHandlerResolver.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/ZoneIdEditor.java
*
/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/UtilNamespaceHandler.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/BeanNameAware.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/BeanInitializationException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/InputStreamEditor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/ReaderEditor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/NamedBean.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/config/SmartInstantiationAwareBeanPostProcessor.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/ImplicitlyAppearedSingletonException.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/parsing/SourceExtractor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/URLEditor.java
*
/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/Scope.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/FileEditor.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/ParserContext.java
*
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* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/support/CglibSubclassingInstantiationStrategy.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/AbstractBeanDefinition.java

* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/annotation/AutowiredAnnotationBeanPostProcessor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/YamlProcessor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/groovy/GroovyBeanDefinitionReader.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/BeanFactory.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/AbstractBeanFactory.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/GenericTypeAwarePropertyDescriptor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/StaticListableBeanFactory.java
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 /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/LookupOverride.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/support/PropertyComparator.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/AbstractNestablePropertyAccessor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/PropertyEditorRegistrySupport.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/ReplaceOverride.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/PlaceholderConfigurerSupport.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/TypeMismatchException.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/BeanDefinitionReader.java
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 /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/LocaleEditor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/MethodReplacer.java
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jar/org/springframework/beans/factory/config/ConfigurableListableBeanFactory.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/DocumentDefaultsDefinition.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/ServiceLocatorFactoryBean.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/PropertiesEditor.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/parsing/ImportDefinition.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/DependencyDescriptor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/PropertiesBeanDefinitionReader.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/ConfigurableBeanFactory.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/annotation/Lookup.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/support/BeanDefinitionDefaults.java
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/parsing/NullSourceExtractor.java
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*
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* /spring-beans-5-3-21-sources-jar/org/springframework/beans/annotation/AnnotationBeanUtils.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/ExtendedBeanInfo.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/groovy/GroovyBeanDefinitionWrapper.java
* /spring-beans-5-3-21-sources-
jar/org/springframework/beans/factory/annotation/ParameterResolutionDelegate.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/propertyeditors/CustomCollectionEditor.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/BeanMetadataElement.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/xml/PluggableSchemaResolver.java
*
/spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/YamlPropertiesFactoryBean.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/InjectionPoint.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/PropertyDescriptorUtils.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/TypeConverterDelegate.java
* /spring-beans-5-3-21-sources-jar/org/springframework/beans/factory/config/AutowiredPropertyMarker.java

1.316 spring-jdbc 5.3.21

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* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/DB2SequenceMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/xml/SqlXmlValue.java

*

/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/DB2MainframeSequenceMaxValueIncrementer.java

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*/
/**
* Implement this interface when parameters need to be customized based
* on the connection. We might need to do this to make use of proprietary
* features, available only with a specific Connection type.
```

```
*
* @author Rod Johnson
* @author Thomas Risberg
* @see CallableStatementCreatorFactory#newCallableStatementCreator(ParameterMapper)
 * @see org.springframework.jdbc.object.StoredProcedure#execute(ParameterMapper)
*/
/**
  * Create a Map of input parameters, keyed by name.
  * @param con a JDBC connection. This is useful (and the purpose of this interface)
  * if we need to do something RDBMS-specific with a proprietary Connection
  * implementation class. This class conceals such proprietary details. However,
  * it is best to avoid using such proprietary RDBMS features if possible.
  * @return a Map of input parameters, keyed by name (never {@code null})
  * @throws SQLException if an SQLException is encountered setting
  * parameter values (that is, there's no need to catch SQLException)
  */
```

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* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlReturnResultSet.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/Db2LuwMaxValueIncrementer.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/RowMapperResultSetExtractor.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ArgumentPreparedStatementSetter.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/UncategorizedSQLException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/SimpleConnectionHandle.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcCall.java

* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/DerbyCallMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/BatchUpdateUtils.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/JdbcUpdateAffectedIncorrectNumberOfRowsException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlTypeValue.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/StatementCallback.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcInsertOperations.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlInOutParameter.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/DerbyMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/EmptySqlParameterSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/lob/TemporaryLobCreator.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseConfigurerFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlRowSetResultSetExtractor.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/SQLErrorCodes.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/TableMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/embedded/HsqlEmbeddedDatabaseConfigurer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/ConnectionHolder.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/CallableStatementCreator.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseBuilder.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlOutParameter.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/HsqlSequenceMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/RowMapper.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/AbstractDataFieldMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/AbstractColumnMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/UpdatableSqlQuery.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/xml/SqlXmlHandler.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/WebSphereDataSourceAdapter.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/HsqlTableMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/embedded/DerbyEmbeddedDatabaseConfigurer.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/PostgreSQLSequenceMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/PreparedStatementCallback.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcDaoSupport.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/PostgresTableMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/OracleSequenceMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/MappingSqlQuery.java
* /spring-jdbc-5-3-21-sources-

jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseConfigurer.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlOperation.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ConnectionCallback.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/rowset/ResultSetWrappingSqlRowSetMetaData.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlReturnUpdateCount.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/DerbyTableMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/Db2CallMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/SybaseAnywhereMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ParameterizedPreparedStatementSetter.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/support/AbstractInterruptibleBatchPreparedStatementSetter.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/BatchSqlUpdate.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseType.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/HanaSequenceMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/MappingSqlQueryWithParameters.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/OracleTableMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcCallOperations.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ResultSetSupportingSqlParameter.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/Db2MainframeMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/support/JdbcDaoSupport.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlCall.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/BadSqlGrammarException.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/namedparam/NamedParameterBatchUpdateUtils.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/ConnectionHandle.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlQuery.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlUpdate.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ResultSetExtractor.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/IsolationLevelDataSourceAdapter.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/TableParameterMetaData.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/config/DatabasePopulatorConfigUtils.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/AbstractDataSource.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/GenericSqlQuery.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/InvalidResultSetAccessException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/LobRetrievalFailureException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/support/AbstractSqlTypeValue.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/CustomSQLExceptionTranslatorRegistrar.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/HanaCallMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/PreparedStatementCreator.java

* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/lookup/IsolationLevelDataSourceRouter.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/PostgresSequenceMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/CallMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/IncorrectResultSetColumnCountException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/lookup/MapDataSourceLookup.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/SybaseMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/config/SortedResourcesFactoryBean.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/RowCountCallbackHandler.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/CannotGetJdbcConnectionException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/OutputStreamFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ArgumentTypePreparedStatementSetter.java
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* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/SybaseCallMetaDataProvider.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/lob/PassThroughClob.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/DataSourceInitializer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/lob/PassThroughBlob.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/lookup/BeanFactoryDataSourceLookup.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/AbstractDriverBasedDataSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/OracleCallMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/xml/Jdbc4SqlXmlHandler.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/PostgresCallMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ParameterDisposer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/ConnectionProxy.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/support/SqlLobValue.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/lob/DefaultLobHandler.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/CustomSQLErrorCodesTranslation.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/DelegatingDataSource.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/embedded/EmbeddedDatabaseFactoryBean.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/SqlServerCallMetaDataProvider.java
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*/
/**
* Strategy interface for translating between {@link SQLException SQLExceptions}

* and Spring's data access strategy-agnostic {@link DataAccessException}
* hierarchy.
*
* <p>Implementations can be generic (for example, using
* {@link java.sql.SQLException#getSQLState() SQLState} codes for JDBC) or
 wholly
* proprietary (for example, using Oracle error codes) for greater precision.
*
* @author Rod Johnson
* @author Juergen Hoeller
* @see org.springframework.dao.DataAccessException
*/

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jar/org/springframework/jdbc/support/incrementer/H2SequenceMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/SQLErrorCodeSQLExceptionTranslator.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/BeanPropertyRowMapper.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/DatabasePopulator.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/simple/AbstractJdbcInsert.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/DataClassRowMapper.java
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* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/lookup/AbstractRoutingDataSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/SimpleDriverDataSource.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/AbstractFallbackSQLExceptionTranslator.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/DatabaseMetaDataCallback.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/SingleConnectionDataSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/DatabaseStartupValidator.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/LazyConnectionDataSourceProxy.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/CallableStatementCreatorFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlReturnType.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/rowset/ResultSetWrappingSqlRowSet.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/DriverManagerDataSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/JdbcAccessor.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/JdbcTransactionManager.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/RdbmsOperation.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/SQLErrorCodesFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/GeneratedKeyHolder.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/PreparedStatementCreatorFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/KeyHolder.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/JdbcUtils.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlParameterValue.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/CallMetaDataProviderFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/DataSourceTransactionManager.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/embedded/DataSourceFactory.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/ParsedSql.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcTemplate.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/JdbcTemplate.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/support/JdbcBeanDefinitionReader.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SqlParameter.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/SingleColumnRowMapper.java
* /spring-jdbc-5-3-21-sources-

jar/org/springframework/jdbc/core/support/AbstractLobCreatingPreparedStatementCallback.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/CallParameterMetaData.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/SqlParameterSourceUtils.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/embedded/AbstractEmbeddedDatabaseConfigurer.java
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* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/ScriptUtils.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/TableMetaDataProviderFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/GenericTableMetaDataProvider.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/CompositeDatabasePopulator.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/ColumnMapRowMapper.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/DatabasePopulatorUtils.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/CallableStatementCallback.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/ScriptException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/NamedParameterUtils.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/ScriptParseException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/CannotReadScriptException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/JdbcOperations.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/UncategorizedScriptException.java
*
/spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/incrementer/MySQLMaxValueIncrementer.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/simple/SimpleJdbcInsert.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/CallMetaDataContext.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/DataSourceUtils.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/GenericCallMetaDataProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/TransactionAwareDataSourceProxy.java

* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/metadata/TableMetaDataContext.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/core/namedparam/NamedParameterJdbcOperations.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/incrementer/AbstractIdentityColumnMaxValueIncrementer.java
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 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/simple/AbstractJdbcCall.java
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*
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* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/SmartDataSource.java
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jar/org/springframework/jdbc/support/incrementer/AbstractSequenceMaxValueIncrementer.java
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* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/datasource/embedded/SimpleDriverDataSourceFactory.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/config/JdbcNamespaceHandler.java
* /spring-jdbc-5-3-21-sources-
jar/org/springframework/jdbc/support/xml/SqlXmlFeatureNotImplementedException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/xml/XmlBinaryStreamProvider.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/SqlValue.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/SQLWarningException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/MetaDataAccessException.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/InterruptibleBatchPreparedStatementSetter.java
* /spring-jdbc-5-3-21-sources-

jar/org/springframework/jdbc/datasource/lookup/DataSourceLookupFailureException.java
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```
/**
* The classes in this package make JDBC easier to use and
* reduce the likelihood of common errors. In particular, they:
* <ul>
* <li>Simplify error handling, avoiding the need for try/catch/finally
* blocks in application code.
* <li>Present exceptions to application code in a generic hierarchy of
* unchecked exceptions, enabling applications to catch data access
* exceptions without being dependent on JDBC, and to ignore fatal
* exceptions there is no value in catching.
* <li>Allow the implementation of error handling to be modified
* to target different RDBMSes without introducing proprietary
* dependencies into application code.
* </ul>
*
* <p>This package and related packages are discussed in Chapter 9 of
* <a href="https://www.amazon.com/exec/obidos/tg/detail/-/0764543857/">Expert One-On-One J2EE Design and
Development</a>
* by Rod Johnson (Wrox, 2002).
*/
```

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jar/org/springframework/jdbc/core/namedparam/BeanPropertySqlParameterSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/rowset/SqlRowSet.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/SQLStateSQLExceptionTranslator.java
*
 /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/init/ResourceDatabasePopulator.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/object/SqlFunction.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/MapSqlParameterSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/AbstractSqlParameterSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/datasource/JdbcTransactionObjectSupport.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/namedparam/SqlParameterSource.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/CustomSQLExceptionTranslatorRegistry.java
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* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/core/RowCallbackHandler.java
* /spring-jdbc-5-3-21-sources-jar/org/springframework/jdbc/support/lob/LobHandler.java
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*/
/**
  * Close this LobCreator session and free its temporarily created BLOBs and CLOBs.
  * Will not need to do anything if using PreparedStatement's standard methods,
  * but might be necessary to free database resources if using proprietary means.
  * <p><b>NOTE</b>: Needs to be invoked after the involved
 PreparedStatements have
  * been executed or the affected O/R mapping sessions have been flushed.
  * Otherwise, the database resources for the temporary BLOBs might stay allocated.
  */
```

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1.317 spring-web-mvc 5.3.21

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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/ViewResolver.java
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jar/org/springframework/web/servlet/mvc/condition/ProducesRequestCondition.java
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jar/org/springframework/web/servlet/config/annotation/ViewResolverRegistry.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/WebContentGenerator.java
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jar/org/springframework/web/servlet/mvc/condition/ConsumesRequestCondition.java
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jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistry.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/PrincipalMethodArgumentResolver.java
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*
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/annotation/ResponseStatusExceptionResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/AbstractServerResponse.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/FlashMap.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceUrlEncodingFilter.java

* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HandlerMapping.java
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 /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/MvcNamespaceUtils.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/script/ScriptTemplateViewResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/TilesConfigurer.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/AbstractMediaTypeExpression.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerViewResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/HandlerInterceptorAdapter.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/UrlFilenameViewController.java
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 /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/RequestMatchResult.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/AbstractTemplateViewResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/AbstractView.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/i18n/LocaleChangeInterceptor.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/ViewControllerRegistration.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/ViewControllerBeanDefinitionParser.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/ParameterizableViewController.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/CorsBeanDefinitionParser.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/document/AbstractXlsView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/ServletForwardingController.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/JstlView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/JspAwareRequestContext.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/AbstractResourceResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/JsonViewRequestBodyAdvice.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/AbstractUrlBasedView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RedirectAttributesMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/SpringWildcardServletTilesApplicationContext.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletWebArgumentResolverAdapter.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMapMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfig.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/HttpResource.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/InternalResourceView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/AsyncTaskMethodReturnValueHandler.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/support/RedirectAttributesModelMap.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletRequestDataBinderFactory.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/i18n/FixedLocaleResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/RedirectViewControllerRegistration.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/ThemeResolver.java

* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/theme/FixedThemeResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/AsyncHandlerInterceptor.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/SimpleServletPostProcessor.java
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* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestAttributeMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/RequestToViewNameTranslator.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/condition/RequestConditionHolder.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/ModelAndViewMethodReturnValueHandler.java
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jar/org/springframework/web/servlet/handler/WebRequestHandlerInterceptorAdapter.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/feed/AbstractRssFeedView.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/Param.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/CallableMethodReturnValueHandler.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/HttpHeadersReturnValueHandler.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/VersionStrategy.java
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jar/org/springframework/web/servlet/mvc/annotation/ModelAndViewResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfig.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/document/AbstractXlsxView.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/view/document/AbstractXlsxStreamingView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/NoHandlerFoundException.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/LocaleResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMessageConverterMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/RequestContextUtils.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/i18n/SessionLocaleResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/PathResourceResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/i18n/AbstractLocaleResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/i18n/CookieLocaleResolver.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestPartMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/LocaleContextResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestMappingHandlerMapping.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/i18n/AbstractLocaleContextResolver.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/WebMvcConfigurer.java
*
/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HandlerAdapter.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceHttpRequestHandler.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/EnableWebMvc.java
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jar/org/springframework/web/servlet/mvc/method/annotation/RequestBodyAdvice.java
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* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/config/annotation/ResourceHandlerRegistration.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/HttpRequestHandlerAdapter.java
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jar/org/springframework/web/servlet/mvc/condition/HeadersRequestCondition.java
* /spring-webmvc-5-3-21-sources-
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* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMapping.java
* /spring-webmvc-5-3-21-sources-
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfo.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/view/groovy/GroovyMarkupViewResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HandlerInterceptor.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/SimpleControllerHandlerAdapter.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/LastModified.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/ServletInvocableHandlerMethod.java

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/spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/condition/PatternsRequestCondition.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/handler/AbstractHandlerExceptionResolver.java
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jar/org/springframework/web/servlet/mvc/method/annotation/PathVariableMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/ErrorHandlingServerResponse.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/support/DefaultHandlerExceptionResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/BindStatus.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/MappedInterceptor.java
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jar/org/springframework/web/servlet/config/FreeMarkerConfigurerBeanDefinitionParser.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/AbstractHandlerMapping.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/SimpleServletHandlerAdapter.java
* /spring-webmvc-5-3-21-sources-
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/RequestPredicates.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/SseEmitter.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/SimpleUrlHandlerMapping.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/condition/ParamsRequestCondition.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/CorsRegistration.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/HandlerMappingIntrospector.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMethodArgumentResolver.java
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jar/org/springframework/web/servlet/config/annotation/AsyncSupportConfigurer.java
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 /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/RouterFunction.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/CachingResourceTransformer.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/CachingResourceResolver.java

* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/HandlerFunction.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/StreamingResponseBodyReturnValueHandler.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/AbstractCachingViewResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/BeanNameUrlHandlerMapping.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/ToStringVisitor.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/ServerResponse.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ViewNameMethodReturnValueHandler.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/HandlerExceptionResolverComposite.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/ResourceHandlerFunction.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/SessionAttributeMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/EncodedResourceResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/CssLinkResourceTransformer.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/function/RenderingResponse.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/ServletWrappingController.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/AbstractRequestCondition.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/RequestMappingInfoHandlerMethodMappingNamingStrategy.java
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* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/view/tiles3/AbstractSpringPreparerFactory.java
*
 /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/MediaTypeExpression.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/SmartView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/AbstractUrlViewController.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/TagIdGenerator.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/SpringBeanPreparerFactory.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/RadioButtonsTag.java
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*/
/**
* XSLT-driven View that allows for response context to be rendered as the
* result of an XSLT transformation.
*
* <p>The XSLT Source object is supplied as a parameter in the model and then

```
* {@link #locateSource detected} during response rendering. Users can either specify
* a specific entry in the
 model via the {@link #setSourceKey sourceKey} property or
* have Spring locate the Source object. This class also provides basic conversion
* of objects into Source implementations. See {@link #getSourceTypes() here}
* for more details.
*
* <p>All model parameters are passed to the XSLT Transformer as parameters.
* In addition the user can configure {@link #setOutputProperties output properties}
* to be passed to the Transformer.
*
* @author Rob Harrop
* @author Juergen Hoeller
* @since 2.0
*/
```

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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/FlashMapManager.java
*
 /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/AbstractMappingJacksonResponseBodyAdvice.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/config/annotation/UrlBasedViewResolverRegistration.java
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*/
/**
* A contract for inspecting and potentially modifying request data values such
* as URL query parameters or form field values before they are rendered by a
* view or before a redirect.
*
* <p>Implementations may use this contract for example as part of a solution
* to provide data integrity, confidentiality,
 protection against cross-site
* request forgery (CSRF), and others or for other tasks such as automatically
* adding a hidden field to all forms and URLs.
*
* <p>View technologies that support this contract can obtain an instance to
* delegate to via {@link RequestContext#getRequestDataValueProcessor()}.
*
* @author Rossen Stoyanchev
* @since 3.1
*/

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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/AbstractTemplateView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/RequestCondition.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/ViewResolverComposite.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceTransformer.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/SpringLocaleResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/MvcNamespaceHandler.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/InterceptorsBeanDefinitionParser.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/DefaultServletHandlerBeanDefinitionParser.java
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/annotation/InterceptorRegistry.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/ParamTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/OptionTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/BindErrorsTag.java

* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/DefaultServletHttpRequestHandler.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/TransformedResource.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractCheckedElementTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractHtmlElementBodyTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/tiles3/SimpleSpringPreparerFactory.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/DefaultResourceTransformerChain.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/handler/HandlerMethodMappingNamingStrategy.java
*
/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyAdviceChain.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/RadioButtonTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ContentVersionStrategy.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractDataBoundFormElementTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/TilesConfigurerBeanDefinitionParser.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/ButtonTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/ScriptTemplateConfigurerBeanDefinitionParser.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/method/annotation/ServletResponseMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/AbstractController.java
*
/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/NestedPathTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractHtmlInputElementTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/SelectTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/View.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/SelectedValueComparator.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/FixedVersionStrategy.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/document/AbstractPdfStamperView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/HtmlEscapeTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/config/GroovyMarkupConfigurerBeanDefinitionParser.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/GzipResourceResolver.java
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/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/TextareaTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/ModelAndView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/EscapeBodyTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/support/AbstractDispatcherServletInitializer.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceResolverChain.java

* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/xml/MarshallingView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/ThemeTag.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/condition/AbstractNameValueExpression.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/config/ViewResolversBeanDefinitionParser.java
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/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractHtmlElementTag.java
* /spring-webmvc-5-3-21-sources-
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* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/AbstractVersionStrategy.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/groovy/GroovyMarkupConfigurer.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/BindTag.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/RequestResponseBodyMethodProcessor.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/tags/form/AbstractMultiCheckedElementTag.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/handler/SimpleMappingExceptionResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/EvalTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/theme/CookieThemeResolver.java
*
/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/CheckboxTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/InputTag.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/MatrixVariableMapMethodArgumentResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceTransformerChain.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/EditorAwareTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HttpServletBean.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/ValueFormatter.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/feed/AbstractFeedView.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/resource/DefaultResourceResolverChain.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/feed/AbstractAtomFeedView.java
*
/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/ContentNegotiatingViewResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/script/RenderingContext.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/mvc/method/annotation/ResponseBodyAdvice.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/ArgumentTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/ModelAndViewDefiningException.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/document/AbstractPdfView.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/HandlerExceptionResolver.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/resource/ResourceTransformerSupport.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/view/freemarker/FreeMarkerConfigurer.java
*

/spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/FormTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/OptionsTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/mvc/condition/NameValueExpression.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/form/AbstractFormTag.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/view/freemarker/FreeMarkerView.java
* /spring-webmvc-5-3-21-sources-
jar/org/springframework/web/servlet/support/AbstractAnnotationConfigDispatcherServletInitializer.java
* /spring-webmvc-5-3-21-sources-jar/org/springframework/web/servlet/tags/TransformTag.java
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1.318 spring-expression 5.3.21

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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/AccessException.java
* /spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/support/ReflectiveConstructorExecutor.java
*
/spring-expression-5-3-21-sources-jar/org/springframework/expression/ParserContext.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/CompiledExpression.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/common/ExpressionUtils.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/OperatorOverloader.java
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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/TypeCode.java
*
 /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/SpelNodeImpl.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpLE.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpOr.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Identifier.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/BooleanLiteral.java

* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpModulus.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpLT.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OperatorNot.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/IntLiteral.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/PropertyOrFieldReference.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpMultiply.java
*
/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/RealLiteral.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/standard/Tokenizer.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OperatorPower.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpPlus.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OperatorInstanceof.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Assign.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpInc.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/StringLiteral.java
* /spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/support/StandardTypeComparator.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Literal.java
*
/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/ValueRef.java
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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Projection.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OperatorBetween.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/FunctionReference.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpAnd.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpMinus.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpGE.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/CompoundExpression.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/FloatLiteral.java
*
/spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/standard/InternalSpelExpressionParser.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/LongLiteral.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/PropertyAccessor.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpNE.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpDivide.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/VariableReference.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/NullLiteral.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Selection.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Ternary.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/OpDec.java
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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/SpelCompilerMode.java
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* /spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/support/ReflectiveMethodExecutor.java
*
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* /spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/support/ReflectiveMethodResolver.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/standard/SpelCompiler.java
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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/InlineMap.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/standard/Token.java
*
/spring-expression-5-3-21-sources-jar/org/springframework/expression/ExpressionException.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/TypeReference.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/BeanResolver.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/BeanReference.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/Operator.java

* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/support/ReflectiveConstructorResolver.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/CodeFlow.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/QualifiedIdentifier.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/support/StandardTypeConverter.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/TypeConverter.java
*
 /spring-expression-5-3-21-sources-jar/org/springframework/expression/TypeComparator.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/MethodResolver.java
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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/TypeLocator.java
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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/common/CompositeStringExpression.java
*
 /spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/support/DataBindingMethodResolver.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/support/BooleanTypedValue.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/TypedValue.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/SpelEvaluationException.java
* /spring-expression-5-3-21-sources-
jar/org/springframework/expression/common/TemplateAwareExpressionParser.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/EvaluationContext.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/common/LiteralExpression.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/Operation.java
* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ExpressionState.java
* /spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/support/StandardOperatorOverloader.java
*
 /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/support/SimpleEvaluationContext.java
* /spring-expression-5-3-21-sources-
jar/org/springframework/expression/spel/support/StandardEvaluationContext.java

* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/SpelNode.java
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* /spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/ast/AstUtils.java
*
/spring-expression-5-3-21-sources-jar/org/springframework/expression/spel/support/StandardTypeLocator.java

1.319 spring-aop 5.3.21

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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/DynamicIntroductionAdvice.java
*
 /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/AbstractPoolingTargetSource.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectJAdviceParameterNameDiscoverer.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/ControlFlowPointcut.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/annotation/AbstractAspectJAdvisorFactory.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/ProxyConfig.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/MethodInvocationProceedingJoinPoint.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/ThrowsAdviceAdapter.java
* /spring-aop-5-3-21-sources-jar/org/aopalliance/intercept/Joinpoint.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/AbstractAdvisingBeanPostProcessor.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/RootClassFilter.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/MethodMatcher.java
*
 /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/Pointcuts.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/ProxyMethodInvocation.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/config/AdviceEntry.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/config/AspectEntry.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/autoproxy/AspectJPrecedenceComparator.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/interceptor/CustomizableTraceInterceptor.java
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jar/org/springframework/aop/framework/autoproxy/target/LazyInitTargetSourceCreator.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/AdvisedSupport.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/Advised.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/autoproxy/BeanNameAutoProxyCreator.java
*
 /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectJAfterAdvice.java
* /spring-aop-5-3-21-sources-
jar/org/springframework/aop/framework/adapter/AfterReturningAdviceInterceptor.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/config/AdvisorEntry.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/interceptor/SimpleTraceInterceptor.java
* /spring-aop-5-3-21-sources-
jar/org/springframework/aop/aspectj/annotation/ReflectiveAspectJAdvisorFactory.java

* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectJAfterThrowingAdvice.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/annotation/BeanFactoryAspectJAdvisorsBuilder.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/ThrowsAdviceInterceptor.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/MethodBeforeAdviceInterceptor.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/DelegatingIntroductionInterceptor.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/AopProxy.java

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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/UnknownAdviceTypeException.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/Pointcut.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/config/ScopedProxyBeanDefinitionDecorator.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/dynamic/Refreshable.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/PoolingConfig.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/ThreadLocalTargetSourceStats.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/DynamicMethodMatcherPointcut.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/scope/DefaultScopedObject.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/LazyInitTargetSource.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/AopInvocationException.java
*
 /spring-aop-5-3-21-sources-jar/org/springframework/aop/config/PointcutComponentDefinition.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/IntroductionInfo.java
* /spring-aop-5-3-21-sources-
jar/org/springframework/aop/framework/adapter/AdvisorAdapterRegistrationManager.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/AdvisorAdapter.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/AopProxyFactory.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/AfterReturningAdviceAdapter.java
* /spring-aop-5-3-21-sources-
jar/org/springframework/aop/target/dynamic/BeanFactoryRefreshableTargetSource.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/StaticMethodMatcherPointcut.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/config/SpringConfiguredBeanDefinitionParser.java
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 /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/AopConfigException.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectJAopUtils.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/MethodBeforeAdviceAdapter.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/IntroductionAdvisor.java
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jar/org/springframework/aop/aspectj/annotation/BeanFactoryAspectInstanceFactory.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/RuntimeTestWalker.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/RegexpMethodPointcutAdvisor.java
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jar/org/springframework/aop/framework/autoproxy/DefaultAdvisorAutoProxyCreator.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/SingletonTargetSource.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/support/AbstractRegexpMethodPointcut.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/IntroductionAwareMethodMatcher.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/AdvisorChainFactory.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/DeclareParentsAdvisor.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/config/AdvisorComponentDefinition.java
* /spring-aop-5-3-21-sources-jar/org/aopalliance/aop/AspectException.java
*
/spring-aop-5-3-21-sources-jar/org/springframework/aop/config/AopNamespaceUtils.java
* /spring-aop-5-3-21-sources-
jar/org/springframework/aop/framework/autoproxy/AbstractBeanFactoryAwareAdvisingPostProcessor.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectJPointcutAdvisor.java
* /spring-aop-5-3-21-sources-jar/org/aopalliance/intercept/MethodInterceptor.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/AbstractLazyCreationTargetSource.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/target/dynamic/AbstractRefreshableTargetSource.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/TargetSource.java
* /spring-aop-5-3-21-sources-jar/org/aopalliance/intercept/ConstructorInvocation.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/TrueClassFilter.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/AbstractSingletonProxyFactoryBean.java
* /spring-aop-5-3-21-sources-
jar/org/springframework/aop/framework/autoproxy/BeanFactoryAdvisorRetrievalHelper.java
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jar/org/springframework/aop/framework/autoproxy/target/QuickTargetSourceCreator.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/autoproxy/ProxyCreationContext.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/adapter/GlobalAdvisorAdapterRegistry.java
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* /spring-aop-5-3-21-sources-jar/org/springframework/aop/aspectj/AspectJPrecedenceInformation.java
* /spring-aop-5-3-21-sources-jar/org/springframework/aop/framework/ProxyProcessorSupport.java

1.320 libsepol 3.0 1ubuntu0.1

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```
@c Local Variables:
@c ispell-local-pdict: "ispell-dict"
@c End:
```

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support/man2html.c

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1.323 gzip 1.10 0ubuntu4.1

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jar/io/netty/handler/codec/socksx/v5/DefaultSocks5PasswordAuthResponse.java
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* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AuthMethod.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandType.java
*
 /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksRequestType.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksMessageType.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksProtocolVersion.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksResponseType.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksAuthStatus.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksAuthScheme.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksSubnegotiationVersion.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksCmdStatus.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socks/SocksCmdType.java

* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5CommandStatus.java
*
/netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5AddressType.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socksx/v5/Socks5PasswordAuthStatus.java
* /netty-codec-socks-4-1-78-final-sources-jar/io/netty/handler/codec/socksx/SocksVersion.java

1.327 netty-resolver-dns 4.1.78.Final

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* /netty-resolver-dns-4-1-78-final-sources-
jar/io/netty/resolver/dns/LoggingDnsQueryLifeCycleObserverFactory.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/UnixResolverOptions.java
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* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/NoopAuthoritativeDnsServerCache.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DirContextUtils.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsAddressResolveContext.java
*
 /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/NameServerComparator.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/AuthoritativeDnsServerCache.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DefaultAuthoritativeDnsServerCache.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/Cache.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsAddressDecoder.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsRecordResolveContext.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsCnameCache.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DefaultDnsCnameCache.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/AuthoritativeDnsServerCacheAdapter.java
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* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsCacheEntry.java
* /netty-resolver-dns-4-1-78-final-sources-
jar/io/netty/resolver/dns/UniSequentialDnsServerAddressStreamProvider.java
*
/netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserver.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/SingletonDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-78-final-sources-
jar/io/netty/resolver/dns/UnixResolverDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsQueryLifecycleObserver.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/BiDnsQueryLifecycleObserverFactory.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/MultiDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStreamProviders.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddressStreamProvider.java
*
/netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/NoopDnsQueryLifecycleObserverFactory.java
* /netty-resolver-dns-4-1-78-final-sources-
jar/io/netty/resolver/dns/SequentialDnsServerAddressStreamProvider.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsNameResolverTimeoutException.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsQueryLifecycleObserverFactory.java
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* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DefaultDnsServerAddresses.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsNameResolverException.java
*
/netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsServerAddressStream.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/SequentialDnsServerAddressStream.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsNameResolverBuilder.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/SingletonDnsServerAddresses.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsQueryContextManager.java
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* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/RoundRobinDnsAddressResolverGroup.java
*
/netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/InflightNameResolver.java
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* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsNameResolver.java
*
/netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsAddressResolverGroup.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/DnsQueryContext.java
* /netty-resolver-dns-4-1-78-final-sources-jar/io/netty/resolver/dns/package-info.java

1.328 netty-transport-classes-epoll 4.1.78.Final

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*/
/**
    * Set the {@code TCP_MD5SIG} option on the socket. See {@code linux/tcp.h} for more details.
    * Keys can only be set on, not read to prevent a potential leak, as they are confidential.
    * Allowing them being read would mean anyone with access to the channel could get them.

   */
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* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollRecvByteAllocatorHandle.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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* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/Epoll.java
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 /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollDatagramChannel.java
* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollChannelOption.java
* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollServerSocketChannel.java
* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollSocketChannel.java
* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollTcpInfo.java
* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollEventLoop.java
* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/NativeDatagramPacketArray.java
* /netty-transport-classes-epoll-4-1-78-final-sources-jar/io/netty/channel/epoll/EpollEventLoopGroup.java

1.329 netty-codec-dns 4.1.78.Final

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* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsOptEcsRecord.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsOptPseudoRecord.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsPtrRecord.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/AbstractDnsOptPseudoRrRecord.java

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* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsQueryEncoder.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsCodecUtil.java
*
/netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/TcpDnsQueryEncoder.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/TcpDnsResponseDecoder.java
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* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsQuestion.java

* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsQuery.java
*
 /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsResponse.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsRecordDecoder.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsQuestion.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsResponse.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsQueryEncoder.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsResponseEncoder.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsResponse.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsMessage.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsOpCode.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsRawRecord.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsSection.java
*
 /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DnsResponseCode.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsResponseDecoder.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/package-info.java
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* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DatagramDnsQueryDecoder.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/DefaultDnsRawRecord.java
* /netty-codec-dns-4-1-78-final-sources-jar/io/netty/handler/codec/dns/AbstractDnsRecord.java
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1.330 busybox 1.35.0-r17

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1.335 python 3.10.5-r0

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Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
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1.338 spring-data-jpa 2.7.1

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   The End

1.341 openssl 1.1.1q-r0

1.341.1 Available under license :

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Description: Bindings to OpenSSL libssl and libcrypto, plus custom SSH pubkey parsers. Supports RSA, DSA and EC curves P-256, P-384 and P-521. Cryptographic signatures can either be created and verified manually or via x509 certificates. AES can be used in cbc, ctr or gcm mode for symmetric encryption; RSA for asymmetric (public key) encryption or EC for Diffie Hellman. High-level envelope functions combine RSA and AES for encrypting arbitrary sized data. Other utilities include key generators, hash functions (md5, sha1, sha256, etc), base64 encoder, a secure random number generator, and 'bignum' math methods for manually performing crypto calculations on large multibyte integers.
Packaged: 2018-11-15 13:15:06 UTC; jeroen
License: MIT + file LICENSE
Title: Toolkit for Encryption, Signatures and Certificates Based on OpenSSL
URL: https://github.com/jeroen/openssl#readme
BugReports: https://github.com/jeroen/openssl/issues
SystemRequirements:
 OpenSSL >= 1.0.1
RoxygenNote: 6.1.1
VignetteBuilder: knitr
Maintainer: Jeroen Ooms <jeroen@berkeley.edu>
Type: Package
Repository: CRAN
Version: 1.1
Suggests: testthat, digest, knitr, rmarkdown, jsonlite, jose
NeedsCompilation: yes
Author: Jeroen Ooms [aut, cre] (<https://orcid.org/0000-0002-4035-0289>), Oliver Keyes [ctb]
Package: openssl
Authors@R: c(person("Jeroen", "Ooms", role = c("aut", "cre"), email = "jeroen@berkeley.edu", comment =

c(ORCID = "0000-0002-4035-0289")), person("Oliver", "Keyes", role = "ctb"))
Date/Publication: 2018-11-15 14:20:03 UTC

Found in path(s):
* /openssl-1-1-b1-jar/org/renjin/cran/openssl/DESCRIPTION
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/*! Respond.js v1.4.2: min/max-width media query polyfill * Copyright 2013 Scott Jehl
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* /openssl-1-1-b1-jar/org/renjin/cran/openssl/doc/secure_rng.html
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1.342 jetty 9.4.48.v20220622

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

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

Oracle

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

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

Oracle OpenJDK

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

* java.sun.security.ssl

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

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

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org.apache.taglibs:taglibs-standard-impl

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

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org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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

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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
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module is selected.

* java.sun.security.ssl

These artifacts replace/modify OpenJDK classes. The modifications
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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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Assorted

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1.344 python-pip 20.0.2-5ubuntu1.6

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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes

2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1.1	2010	PSF	yes
3.1.3	3.1.2	2010	PSF	yes
3.1.4	3.1.3	2011	PSF	yes
3.2	3.1	2011	PSF	yes
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same

year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes

2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
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* org.eclipse.jetty.orbit:org.eclipse.jdt.core

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

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

Oracle

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

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

Oracle OpenJDK

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

* java.sun.security.ssl

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

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

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

Apache

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

MortBay

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

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

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

Mortbay

The following artifacts are CDDL + GPLv2 with classpath exception.

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

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Eclipse

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

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

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

Oracle

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

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

Oracle OpenJDK

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

* java.sun.security.ssl

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

OW2

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

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

Apache

The following artifacts are ASL2 licensed.

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

MortBay

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

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

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

Mortbay

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

org.eclipse.jetty.toolchain:jetty-schemas

Assorted

The UnixCrypt.java code implements the one way cryptography used by
Unix systems for simple password protection. Copyright 1996 Aki Yoshida,
modified April 2001 by Iris Van den Broeke, Daniel Deville.
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1.347 simpleclient_tracer_otel_agent 0.15.0

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Manifest-Version: 1.0
Bnd-LastModified: 1644098835491
Build-Jdk: 11.0.13
Built-By: fabian
Bundle-Description: The Prometheus Java Suite: Client Metrics, Expositio
n, and Examples
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Prometheus Java Span Context Supplier - OpenTelemetry Agent
Bundle-SymbolicName: io.prometheus.simpleclient_tracer_otel_agent
Bundle-Version: 0.15.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.prometheus.client.exemplars.tracer.otel_agent;uses:="
io.prometheus.client.exemplars.tracer.common";version="0.15.0"
Import-Package: io.opentelemetry.api.trace,io.prometheus.client.exemplar
s.tracer.common;version="[0.15,1)"
Tool: Bnd-2.1.0.20130426-122213

Found in path(s):
* /simpleclient-tracer-otel-agent-0-15-0-2-jar/META-INF/MANIFEST.MF
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Found in path(s):
* /simpleclient-tracer-otel-agent-0-15-0-2-jar/META-
INF/maven/io.prometheus/simpleclient_tracer_otel_agent/pom.xml

1.348 simpleclient 0.15.0

1.348.1 Available under license :

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/*
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*
* Source: http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/jsr166e/Striped64.java?revision=1.10
*/

Found in path(s):
* /simpleclient-0-15-0-sources-1-jar/io/prometheus/client/Striped64.java

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*
* Source: http://gee.cs.oswego.edu/cgi-bin/viewcvs.cgi/jsr166/src/jsr166e/DoubleAdder.java?revision=1.12
*/

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* /simpleclient-0-15-0-sources-1-jar/io/prometheus/client/DoubleAdder.java
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Found in path(s):
* /simpleclient-0-15-0-sources-1-jar/io/prometheus/client/CKMSQuantiles.java

1.349 simpleclient_tracer_otel 0.15.0

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Found in path(s):

* /simpleclient-tracer-otel-0-15-0-sources-1-jar/META-INF/maven/io.prometheus/simpleclient_tracer_otel/pom.xml

1.350 simpleclient_tracer_common 0.15.0

1.350.1 Available under license :

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Manifest-Version: 1.0
Bnd-LastModified: 1644098817942
Build-Jdk: 11.0.13
Built-By: fabian
Bundle-Description: The Prometheus Java Suite: Client Metrics, Expositio
n, and Examples
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-ManifestVersion: 2
Bundle-Name: Prometheus Java Span Context Supplier - Common
Bundle-SymbolicName: io.prometheus.simpleclient_tracer_common
Bundle-Version: 0.15.0
Created-By: Apache Maven Bundle Plugin
Export-Package: io.prometheus.client.exemplars.tracer.common;version="0.
15.0"
Tool: Bnd-2.1.0.20130426-122213

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INF/maven/io.prometheus/simpleclient_tracer_common/pom.xml

1.351 python3.8 3.8.10-0ubuntu1~20.04.5

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A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)

in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see https://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see http://www.opensource.org for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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

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1.352 alpine-baselayout 3.2.0-r22

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/*
* Create mount directories in fstab
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*
* usage: mkmntdirs [fstab]
*
*/

Found in path(s):
* /alpine-baselayout-3-2-0-r22-tar-gz/alpine-baselayout-tar-gz/mkmntdirs.c
* /alpine-baselayout-3-2-0-r22-tar-gz/mkmntdirs.c

1.353 python3.8-minimal 3.8.10-0ubuntu1~20.04.5

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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was a sponsoring member of the PSF.

All

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0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

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principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations, which became
Zope Corporation. In 2001, the Python Software Foundation (PSF, see
https://www.python.org/psf/) was formed, a non-profit organization
created specifically to own Python-related Intellectual Property.
Zope Corporation was a sponsoring member of the PSF.

All
Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above	2.1.1	2001-now	PSF	yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under
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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's
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1.355 cpp 11.2.1_git20220219-r2

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From 4ea687132408a7c662706c4a7eb3c61b7773d735 Mon Sep 17 00:00:00 2001
From: "H.J. Lu" <hjl.tools@gmail.com>

Date: Fri, 21 Jan 2022 13:24:00 -0800
Subject: [PATCH] x86: Properly disable -fsplit-stack support on non-glibc
targets

Revert x86 changes in

commit c163647ffbc9a20c8feb6e079dbecccfe016c82e
Author: Soren Tempel <soeren@soeren-tempel.net>
Date: Fri Jan 21 19:22:46 2022 +0000

  Disable -fsplit-stack support on non-glibc targets

and change ix86_supports_split_stack to return true only on glibc.

 PR bootstrap/104170
 * common/config/i386/i386-common.c (ix86_supports_split_stack):
 Return true only on glibc.
 * config/i386/gnu-user-common.h (STACK_CHECK_STATIC_BUILTIN):
 Revert commit c163647ffbc.
 * config/i386/gnu.h (TARGET_LIBC_PROVIDES_SSP): Likewise.
---
gcc/common/config/i386/i386-common.c | 17 ++++++++++------
gcc/config/i386/gnu-user-common.h | 5 ++---
gcc/config/i386/gnu.h
| 5 +----
3 files changed, 14 insertions(+), 13 deletions(-)

diff --git a/gcc/common/config/i386/i386-common.c b/gcc/common/config/i386/i386-common.c
index 96549aa7d7e..a3b5258e828 100644
--- a/gcc/common/config/i386/i386-common.c
+++ b/gcc/common/config/i386/i386-common.c
@@ -1696,16 +1696,21 @@ ix86_option_init_struct (struct gcc_options *opts)
  field in the TCB, so they cannot be used together. */

static bool
-ix86_supports_split_stack (bool report ATTRIBUTE_UNUSED,
+ix86_supports_split_stack (bool report,
     struct gcc_options *opts ATTRIBUTE_UNUSED)
{
+#ifdef TARGET_THREAD_SPLIT_STACK_OFFSET
+ if (opts->x_linux_libc != LIBC_GLIBC)
+#endif
+   {
+   if (report)
+ error ("%<-fsplit-stack%> currently only supported on GNU/Linux");
+   return false;
+   }
+

```
  bool ret = true;

-#ifndef TARGET_THREAD_SPLIT_STACK_OFFSET
-  if (report)
-    error ("%<-fsplit-stack%> currently only supported on GNU/Linux");
-  ret = false;
-#else
+#ifdef TARGET_THREAD_SPLIT_STACK_OFFSET
   if (!HAVE_GAS_CFI_PERSONALITY_DIRECTIVE)
     {
      if (report)
diff --git a/gcc/config/i386/gnu-user-common.h b/gcc/config/i386/gnu-user-common.h
index 6e13315b5a3..00226f5a455 100644
--- a/gcc/config/i386/gnu-user-common.h
+++ b/gcc/config/i386/gnu-user-common.h
@@ -66,8 +66,7 @@ along with GCC; see the file COPYING3.  If not see
 #define STACK_CHECK_STATIC_BUILTIN 1

 /* We only build the -fsplit-stack support in libgcc if the
-   assembler has full support for the CFI directives and
-   targets glibc.  */
-#if HAVE_GAS_CFI_PERSONALITY_DIRECTIVE && OPTION_GLIBC
+   assembler has full support for the CFI directives.  */
+#if HAVE_GAS_CFI_PERSONALITY_DIRECTIVE
 #define TARGET_CAN_SPLIT_STACK
 #endif
diff --git a/gcc/config/i386/gnu.h b/gcc/config/i386/gnu.h
index afd3e8e8841..25fbc07f58c 100644
--- a/gcc/config/i386/gnu.h
+++ b/gcc/config/i386/gnu.h
@@ -35,10 +35,7 @@ along with GCC.  If not, see <http://www.gnu.org/licenses/>.
   crti.o%s %{static:crtbeginT.o%s;shared|pie:crtbeginS.o%s;:crtbegin.o%s}"
 #endif

-/* -fsplit-stack uses a field in the TCB at a fixed offset. This
-   field is only available for glibc.  Disable -fsplit-stack for
-   other libc implementations to avoid silent TCB corruptions.  */
-#if defined (TARGET_LIBC_PROVIDES_SSP) && OPTION_GLIBC
+#ifdef TARGET_LIBC_PROVIDES_SSP

 /* i386 glibc provides __stack_chk_guard in %gs:0x14.  */
 #define TARGET_THREAD_SSP_OFFSET        0x14
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0047-x86-Properly-disable-fsplit-stack-support-on-non-gli.patch
```

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```
From 52ce9c86c0c89ae45e0d08cc232682e1811aa8f2 Mon Sep 17 00:00:00 2001
From: Drew DeVault <sir@cmpwn.com>
Date: Wed, 9 Dec 2020 16:07:26 +0000
Subject: [PATCH] configure: Add --enable-autolink-libatomic, use in
LINK_GCC_C_SEQUENCE_SPEC [PR81358]

This fixes issues with RISC-V.
---
Makefile.in          |  1 +
gcc/config.in        |  6 ++++++
gcc/config/gnu-user.h | 12 ++++++++++-
gcc/configure        | 34 ++++++++++++++++++++++++++++++++---
gcc/configure.ac     | 22 ++++++++++++++++++++-
gcc/doc/install.texi |  8 ++++++++
gcc/doc/tm.texi      |  8 +++++++-
gcc/doc/tm.texi.in   |  8 +++++++-
gcc/gcc.c            | 12 ++++++++++-
9 files changed, 103 insertions(+), 8 deletions(-)

diff --git a/Makefile.in b/Makefile.in
index f97db1ef569..7e577ed3dbb 100644
--- a/Makefile.in
+++ b/Makefile.in
@@ -222,6 +222,7 @@ HOST_EXPORTS = \
 RANLIB_FOR_TARGET="$(RANLIB_FOR_TARGET)"; export RANLIB_FOR_TARGET; \
  READELF_FOR_TARGET="$(READELF_FOR_TARGET)"; export READELF_FOR_TARGET; \
 TOPLEVEL_CONFIGURE_ARGUMENTS="$(TOPLEVEL_CONFIGURE_ARGUMENTS)"; export
TOPLEVEL_CONFIGURE_ARGUMENTS; \
+ TARGET_CONFIGDIRS="$(TARGET_CONFIGDIRS)"; export TARGET_CONFIGDIRS; \
 HOST_LIBS="$(STAGE1_LIBS)"; export HOST_LIBS; \
 GMPLIBS="$(HOST_GMPLIBS)"; export GMPLIBS; \
 GMPINC="$(HOST_GMPINC)"; export GMPINC; \
diff --git a/gcc/config.in b/gcc/config.in
index 059c818c895..2a560417440 100644
--- a/gcc/config.in
+++ b/gcc/config.in
@@ -106,6 +106,12 @@
 #endif


+/* Define if libatomic should always be linked. */
+#ifndef USED_FOR_TARGET
+#undef ENABLE_AUTOLINK_LIBATOMIC
+#endif
+
+
```

```
/* Define to 1 to specify that we are using the BID decimal floating point
   format instead of DPD */
#ifndef USED_FOR_TARGET
diff --git a/gcc/config/gnu-user.h b/gcc/config/gnu-user.h
index 902378e1bad..daf7727a01a 100644
--- a/gcc/config/gnu-user.h
+++ b/gcc/config/gnu-user.h
@@ -109,8 +109,18 @@ see the files COPYING3 and
 COPYING.RUNTIME respectively.  If not, see
#define LINK_EH_SPEC "%{!static|static-pie:--eh-frame-hdr} "
#endif

+#if !defined(LINK_LIBATOMIC_SPEC) && defined(ENABLE_AUTOLINK_LIBATOMIC)
+#  ifdef LD_AS_NEEDED_OPTION
+#    define LINK_LIBATOMIC_SPEC LD_AS_NEEDED_OPTION " -latomic "
LD_NO_AS_NEEDED_OPTION
+#  else
+#    define LINK_LIBATOMIC_SPEC "-latomic"
+#  endif
+#elif !defined(LINK_LIBATOMIC_SPEC)
+#  define LINK_LIBATOMIC_SPEC ""
+#endif
+
#define GNU_USER_TARGET_LINK_GCC_C_SEQUENCE_SPEC \
-  "%{static|static-pie:--start-group} %G %{!nolibc:%L} \
+  "%{static|static-pie:--start-group} %G %{!nolibc:" LINK_LIBATOMIC_SPEC " %L} \
   %{static|static-pie:--end-group}%{!static:%{!static-pie:%G}}"

#undef LINK_GCC_C_SEQUENCE_SPEC
diff --git a/gcc/configure b/gcc/configure
index 592e81e40f6..8672298f23f 100755
--- a/gcc/configure
+++ b/gcc/configure
@@ -978,6 +978,7 @@ with_changes_root_url
enable_languages
with_multilib_list
with_multilib_generator
+enable_autolink_libatomic
with_zstd
 with_zstd_include
with_zstd_lib
@@ -1707,6 +1708,9 @@ Optional Features:
  --disable-shared        don't provide a shared libgcc
  --disable-gcov          don't provide libgcov and related host tools
  --enable-languages=LIST specify which front-ends to build
+  --enable-autolink-libatomic
+                          enable automatic linking of libatomic (ignored if
+                          not built)
```

```
  --disable-rpath         do not hardcode runtime library paths
  --enable-sjlj-exceptions
                          arrange to use setjmp/longjmp exception handling
@@ -8070,7 +8074,6 @@ else
fi



-
# Check whether --with-multilib-generator was given.
if test "${with_multilib_generator+set}" = set; then :
  withval=$with_multilib_generator; :
@@ -8078,6 +8081,32 @@ else
  with_multilib_generator=default
fi

+# If libatomic is available, whether it should be linked automatically
+# Check whether --enable-autolink-libatomic was given.
+if test "${enable_autolink_libatomic+set}"
 = set; then :
+  enableval=$enable_autolink_libatomic;
+  case $enable_autolink_libatomic in
+    yes | no) ;;
+    *) as_fn_error $? "'$enable_autolink_libatomic' is an invalid value for
+--enable-autolink-libatomic.  Valid choices are 'yes' and 'no'." "$LINENO" 5 ;;
+  esac
+
+else
+  enable_autolink_libatomic="
+fi
+
+
+if test x$enable_autolink_libatomic = xyes; then
+  if echo " ${TARGET_CONFIGDIRS} " | grep " libatomic " > /dev/null 2>&1 ; then
+
+$as_echo "#define ENABLE_AUTOLINK_LIBATOMIC 1" >>confdefs.h
+
+  else
+    { $as_echo "$as_me:${as_lineno-$LINENO}: WARNING: libatomic is not build for this target, --enable-
autolink-libatomic ignored" >&5
+$as_echo "$as_me: WARNING: libatomic is not build for this target, --enable-autolink-libatomic ignored" >&2;}
+  fi
+fi
+

# ------------------------
# Checks for other programs
@@ -19501,7 +19530,7 @@ else
  lt_dlunknown=0; lt_dlno_uscore=1; lt_dlneed_uscore=2
```

```
  lt_status=$lt_dlunknown
  cat > conftest.$ac_ext
 <<_LT_EOF
-#line 19501 "configure"
+#line 19158 "configure"
#include "confdefs.h"

#if HAVE_DLFCN_H
@@ -34068,4 +34097,3 @@ if test -n "$ac_unrecognized_opts" && test "$enable_option_checking" != no; then
$as_echo "$as_me: WARNING: unrecognized options: $ac_unrecognized_opts" >&2;}
fi

-
diff --git a/gcc/configure.ac b/gcc/configure.ac
index 1577529ffb7..e96691f69ba 100644
--- a/gcc/configure.ac
+++ b/gcc/configure.ac
@@ -1149,6 +1149,27 @@ AC_ARG_WITH(multilib-generator,
:,
with_multilib_generator=default)

+# If libatomic is available, whether it should be linked automatically
+AC_ARG_ENABLE(autolink-libatomic,
+[AS_HELP_STRING([--enable-autolink-libatomic],
+  [enable automatic linking of libatomic (ignored if not built)])],
+[
+  case $enable_autolink_libatomic in
+    yes | no) ;;
+    *) AC_MSG_ERROR(['$enable_autolink_libatomic' is an invalid value for
+--enable-autolink-libatomic.  Valid choices are 'yes' and 'no'.]) ;;
+  esac
+], [enable_autolink_libatomic=''])
+
+if
 test x$enable_autolink_libatomic = xyes; then
+  if echo " ${TARGET_CONFIGDIRS} " | grep " libatomic " > /dev/null 2>&1 ; then
+    AC_DEFINE(ENABLE_AUTOLINK_LIBATOMIC, 1,
+ [Define if libatomic should always be linked.])
+  else
+    AC_MSG_WARN([libatomic is not build for this target, --enable-autolink-libatomic ignored])
+  fi
+fi
+
# ------------------------
# Checks for other programs
# ------------------------
@@ -7729,4 +7750,3 @@ done
],
```

```
[subdirs='$subdirs'])
AC_OUTPUT
-
diff --git a/gcc/doc/install.texi b/gcc/doc/install.texi
index 4c38244ae58..4a544e6a4ee 100644
--- a/gcc/doc/install.texi
+++ b/gcc/doc/install.texi
@@ -2213,6 +2213,14 @@ files, but these changed header paths may conflict with some compilation
environments.  Enabled by default, and may be disabled using
@option{--disable-canonical-system-headers}.

+@item --enable-autolink-libatomic
+@itemx --disable-autolink-libatomic
+Tell GCC that it should automatically link libatomic; if supported by
+the linker,
 the file is only linked as needed. This flag is ignored
+when libatomic is not built. Note that this conigure flag is in particular
+useful when building an offloading-target compiler; as for those, a
+user had to specify @code{-foffload=target=-latomic} otherwise.
+
@item --with-glibc-version=@var{major}.@var{minor}
Tell GCC that when the GNU C Library (glibc) is used on the target it
will be version @var{major}.@var{minor} or later.  Normally this can
diff --git a/gcc/doc/tm.texi b/gcc/doc/tm.texi
index b370bc76b25..acc78273983 100644
--- a/gcc/doc/tm.texi
+++ b/gcc/doc/tm.texi
@@ -381,7 +381,13 @@ the argument @option{-lgcc} to tell the linker to do the search.

@defmac LINK_GCC_C_SEQUENCE_SPEC
The sequence in which libgcc and libc are specified to the linker.
-By default this is @code{%G %L %G}.
+By default this is @code{%G LINK_LIBATOMIC_SPEC %L %G}.
+@end defmac
+
+@defmac LINK_LIBATOMIC_SPEC
+This macro is used in the default @code{LINK_GCC_C_SEQUENCE_SPEC} to link
+libatomic.
 By default, it is unset unless @code{ENABLE_AUTOLINK_LIBATOMIC}
+is set.
@end defmac

@defmac POST_LINK_SPEC
diff --git a/gcc/doc/tm.texi.in b/gcc/doc/tm.texi.in
index 2974dae2701..80e003a38ce 100644
--- a/gcc/doc/tm.texi.in
+++ b/gcc/doc/tm.texi.in
@@ -381,7 +381,13 @@ the argument @option{-lgcc} to tell the linker to do the search.
```

```
@defmac LINK_GCC_C_SEQUENCE_SPEC
The sequence in which libgcc and libc are specified to the linker.
-By default this is @code{%G %L %G}.
+By default this is @code{%G LINK_LIBATOMIC_SPEC %L %G}.
+@end defmac
+
+@defmac LINK_LIBATOMIC_SPEC
+This macro is used in the default @code{LINK_GCC_C_SEQUENCE_SPEC} to link
+libatomic. By default, it is unset unless @code{ENABLE_AUTOLINK_LIBATOMIC}
+is set.
@end defmac

@defmac POST_LINK_SPEC
diff --git a/gcc/gcc.c b/gcc/gcc.c
index 22dbbf85850..90aa576037a 100644
--- a/gcc/gcc.c
+++ b/gcc/gcc.c
@@ -980,13 +980,23 @@ proper position among the other output files.  */
# define ASM_DEBUG_OPTION_SPEC
 ""
#endif

+#if !defined(LINK_LIBATOMIC_SPEC) && defined(ENABLE_AUTOLINK_LIBATOMIC)
+#  ifdef LD_AS_NEEDED_OPTION
+#    define LINK_LIBATOMIC_SPEC LD_AS_NEEDED_OPTION " -latomic "
LD_NO_AS_NEEDED_OPTION
+#  else
+#    define LINK_LIBATOMIC_SPEC "-latomic"
+#  endif
+#elif !defined(LINK_LIBATOMIC_SPEC)
+#  define LINK_LIBATOMIC_SPEC ""
+#endif
+
/* Here is the spec for running the linker, after compiling all files.  */

/* This is overridable by the target in case they need to specify the
   -lgcc and -lc order specially, yet not require them to override all
   of LINK_COMMAND_SPEC.  */
#ifndef LINK_GCC_C_SEQUENCE_SPEC
-#define LINK_GCC_C_SEQUENCE_SPEC "%G %{!nolibc:%L %G}"
+#define LINK_GCC_C_SEQUENCE_SPEC "%G %{!nolibc:" LINK_LIBATOMIC_SPEC " %L %G}"
#endif

#ifdef ENABLE_DEFAULT_SSP
--
2.35.1
```

Found in path(s):
* /gcc-11-2-1-tar-gz/0039-configure-Add-enable-autolink-libatomic-use-in-LINK_.patch
No license file was found, but licenses were detected in source scan.

From 72f32e3383129ad139df76d9a063fac9b03079b1 Mon Sep 17 00:00:00 2001
From: Alex McGrath <amk@amk.ie>
Date: Wed, 13 Oct 2021 23:24:27 +0100
Subject: [PATCH] Fix attempt to use poisoned calloc error in libgccjit

This moves usages of pthread.h to above any usage of system.h as it
included #pragma GCC poison calloc
---
gcc/jit/jit-playback.c | 4 ++--
gcc/jit/jit-recording.c | 4 ++--
gcc/jit/libgccjit.c | 3 ++-
3 files changed, 6 insertions(+), 5 deletions(-)

diff --git a/gcc/jit/jit-playback.c b/gcc/jit/jit-playback.c
index cee9daa8220..a5600084933 100644
--- a/gcc/jit/jit-playback.c
+++ b/gcc/jit/jit-playback.c
@@ -18,6 +18,8 @@ You should have received a copy of the GNU General Public License
along with GCC; see the file COPYING3. If not see
<http://www.gnu.org/licenses/>. */

+#include <pthread.h>
+
#include "config.h"
#include "system.h"
#include "coretypes.h"
@@ -41,8 +43,6 @@ along with GCC; see
 the file COPYING3. If not see
#include "diagnostic.h"
#include "stmt.h"

-#include <pthread.h>
-
#include "jit-playback.h"
#include "jit-result.h"
#include "jit-builtins.h"
diff --git a/gcc/jit/jit-recording.c b/gcc/jit/jit-recording.c
index 117ff70114c..d2634a546b1 100644
--- a/gcc/jit/jit-recording.c
+++ b/gcc/jit/jit-recording.c
@@ -18,6 +18,8 @@ You should have received a copy of the GNU General Public License
along with GCC; see the file COPYING3. If not see
<http://www.gnu.org/licenses/>. */

```
+#include <pthread.h>
+
#include "config.h"
#include "system.h"
#include "coretypes.h"
@@ -25,8 +27,6 @@ along with GCC; see the file COPYING3.  If not see
#include "pretty-print.h"
#include "toplev.h"

-#include <pthread.h>
-
#include "jit-builtins.h"
#include "jit-recording.h"
#include "jit-playback.h"
diff --git a/gcc/jit/libgccjit.c b/gcc/jit/libgccjit.c
index 0cc650f9810..2f44481eeb0 100644
--- a/gcc/jit/libgccjit.c
+++ b/gcc/jit/libgccjit.c
@@ -18,13 +18,14 @@ You
 should have received a copy of the GNU General Public License
along with GCC; see the file COPYING3.  If not see
<http://www.gnu.org/licenses/>.  */

+#include <pthread.h>
+
#include "config.h"
#include "system.h"
#include "coretypes.h"
#include "timevar.h"
#include "typed-splay-tree.h"
#include "cppbuiltin.h"
-#include <pthread.h>

#include "libgccjit.h"
#include "jit-recording.h"
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0042-Fix-attempt-to-use-poisoned-calloc-error-in-libgccji.patch
No license file was found, but licenses were detected in source scan.

From 18bcf23cae4069ffe9d9f64e851193d29dd4814f Mon Sep 17 00:00:00 2001
From: =?UTF-8?q?S=C3=B6ren=20Tempel?= <soeren+git@soeren-tempel.net>
Date: Mon, 3 Jan 2022 07:14:48 +0100
Subject: [PATCH] riscv: disable multilib support
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
```

Content-Transfer-Encoding: 8bit

From the musl wiki [1]:

 musl does not support sharing an include directory between archs
 […], and thus is not compatible with GCC-style multilib. It is
 recommended that distributions build GCC with multilib disabled,
 and use library directories named lib, not lib64 or lib32.

For this reason, we patch existing GCC configuration files (gcc/config)
to pin MULTILIB_OSDIRNAMES to lib, there is also a corresponding GCC
upstream bug about this issue [2]. Avoiding the use of lib64 and lib32
directories is a bit more difficult on the RISC-V architecture. This is
due to the fact that the default RISC-V configuration
 does not only use
the lib64 and lib32 directories but also subdirectories within these
directories for different RISC-V ABIs (e.g. lp64d, lp64, …) [3].

This patch aligns the RISC-V configuration with other architectures by
pinning MULTILIB_OSDIRNAMES to lib for rv64gc (our default RISC-V
-march). Furthermore, this patch removes the ABI-specific startfile
prefix spec. Since both of these impact the default LIBRARY_PATH [4]
this patch thereby aligns the default RISC-V LIBRARY_PATH with that from
other Alpine architectures and thereby fixes #13369 [5].

Incidentally, this also fixes gccgo on riscv64, as without this patch
gccgo is otherwise not able to find the *.gox files for the Go standard
library.

[1]: https://wiki.musl-libc.org/guidelines-for-distributions.html#Multilib/multi_arch
[2]: https://gcc.gnu.org/bugzilla/show_bug.cgi?id=90077
[3]: https://gcc.gnu.org/bugzilla/show_bug.cgi?id=103889#c14
[4]:
https://gcc.gnu.org/git/?p=gcc.git;a=blob;f=gcc/gcc.c;h=d4c8746b0aa322286decf92aa72a12f0a393b655;hb=HEAD
#l9122
[5]:
 https://gitlab.alpinelinux.org/alpine/aports/-/issues/13369
---
gcc/config/riscv/linux.h | 6 ------
gcc/config/riscv/t-linux | 7 +++++--
2 files changed, 5 insertions(+), 8 deletions(-)

diff --git a/gcc/config/riscv/linux.h b/gcc/config/riscv/linux.h
index ee29979dd34..fe8a82d6702 100644
--- a/gcc/config/riscv/linux.h
+++ b/gcc/config/riscv/linux.h
@@ -71,9 +71,3 @@ along with GCC; see the file COPYING3. If not see
    %{static:-static}}"

```
#define TARGET_ASM_FILE_END file_end_indicate_exec_stack
-
-#define STARTFILE_PREFIX_SPEC    \
-   "/lib" XLEN_SPEC "/" ABI_SPEC "/ "  \
-   "/usr/lib" XLEN_SPEC "/" ABI_SPEC "/ " \
-   "/lib/ "     \
-   "/usr/lib/ "
diff --git a/gcc/config/riscv/t-linux b/gcc/config/riscv/t-linux
index 216d2776a18..1a8a863853e 100644
--- a/gcc/config/riscv/t-linux
+++ b/gcc/config/riscv/t-linux
@@ -1,3 +1,6 @@
-# Only XLEN and ABI affect Linux multilib dir names, e.g. /lib32/ilp32d/
-MULTILIB_DIRNAMES := $(patsubst rv32%,lib32,$(patsubst
 rv64%,lib64,$(MULTILIB_DIRNAMES)))
+MULTILIB_OPTIONS := march=rv64gc
+MULTILIB_DIRNAMES := rv64gc
+
+MULTILIB_DIRNAMES := $(patsubst rv32%,lib32,$(patsubst rv64%,lib,$(MULTILIB_DIRNAMES)))
 MULTILIB_OSDIRNAMES := $(patsubst lib%,../lib%,$(MULTILIB_DIRNAMES))
+MULTILIB_MATCHES := march?rv64gc=march?rv64imafdc
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0029-riscv-disable-multilib-support.patch
No license file was found, but licenses were detected in source scan.

From 400bae077d11c3a2ee9f4c8b96c31bbf39416a4f Mon Sep 17 00:00:00 2001
From: =?UTF-8?q?S=C3=B6ren=20Tempel?= <soeren@soeren-tempel.net>
Date: Mon, 21 Feb 2022 04:13:47 +0100
Subject: [PATCH] x86: Fix -fsplit-stack feature detection via
 TARGET_CAN_SPLIT_STACK
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit

Since commit c163647ffbc9a20c8feb6e079dbecccfe016c82e -fsplit-stack
is only supported on glibc targets. However, this original commit
required some fixups. As part of the fixup, the changes to the
gnu-user-common.h and gnu.h where partially reverted in commit
60953a23d57b13a672f751bec0c6eefc059eb1ab thus causing TARGET_CAN_SPLIT_STACK
to be defined for non-glibc targets even though -fsplit-stack is
actually not supported and attempting to use it causes a runtime error.

This causes gcc internal code, such as ./gcc/go/gospec.c to not
correctly detect that -fsplit-stack is not
```

supported and thus causes
gccgo to fail compilation on non-glibc targets.

This commit ensures that TARGET_CAN_SPLIT_STACK is set based on the
changes performed in 2c31a8be4a5db11a0a0e97c366dded6362421086, i.e.
the new OPTION_GLIBC_P macro is now used to detect if -fsplit-stack is
supported in the x86 header files.

The proposed changes have been tested on x86_64 Alpine Linux (which uses
musl libc) and fix compilation of gccgo for this target.

Signed-off-by: Sören Tempel <soeren@soeren-tempel.net>

gcc/ChangeLog:

* config/i386/gnu-user-common.h (defined): Only define
TARGET_CAN_SPLIT_STACK for glibc targets.
* config/i386/gnu.h (defined): Ditto.
---
gcc/config/i386/gnu-user-common.h | 5 +++--
gcc/config/i386/gnu.h | 5 +++--
2 files changed, 6 insertions(+), 4 deletions(-)

diff --git a/gcc/config/i386/gnu-user-common.h b/gcc/config/i386/gnu-user-common.h
index 00226f5a455..4e3fbb1de05 100644
--- a/gcc/config/i386/gnu-user-common.h
+++ b/gcc/config/i386/gnu-user-common.h
@@
-66,7 +66,8 @@ along with GCC; see the file COPYING3. If not see
#define STACK_CHECK_STATIC_BUILTIN 1

/* We only build the -fsplit-stack support in libgcc if the
- assembler has full support for the CFI directives. */
-#if HAVE_GAS_CFI_PERSONALITY_DIRECTIVE
+ assembler has full support for the CFI directives. Also
+ we only support -fsplit-stack on glibc targets. */
+#if HAVE_GAS_CFI_PERSONALITY_DIRECTIVE && defined(OPTION_GLIBC_P)
#define TARGET_CAN_SPLIT_STACK
#endif
diff --git a/gcc/config/i386/gnu.h b/gcc/config/i386/gnu.h
index 25fbc07f58c..41a6a37dfee 100644
--- a/gcc/config/i386/gnu.h
+++ b/gcc/config/i386/gnu.h
@@ -41,8 +41,9 @@ along with GCC. If not, see <http://www.gnu.org/licenses/>.
#define TARGET_THREAD_SSP_OFFSET 0x14

/* We only build the -fsplit-stack support in libgcc if the
- assembler has full support for the CFI directives. */

```
-#if HAVE_GAS_CFI_PERSONALITY_DIRECTIVE
+   assembler has full support for the CFI directives.
  Also
+   we only support -fsplit-stack on glibc targets.  */
+#if HAVE_GAS_CFI_PERSONALITY_DIRECTIVE && defined(OPTION_GLIBC_P)
#define TARGET_CAN_SPLIT_STACK
#endif
/* We steal the last transactional memory word.  */
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0050-x86-Fix-fsplit-stack-feature-detection-via-TARGET_CA.patch
No license file was found, but licenses were detected in source scan.

From 586e82425a024d85d1bd9952ca51d8a671aa9b5d Mon Sep 17 00:00:00 2001
From: Ariadne Conill <ariadne@dereferenced.org>
Date: Fri, 21 Aug 2020 06:57:51 +0000
Subject: [PATCH] dlang: update zlib binding

---
libphobos/src/std/zlib.d | 266 ++++++++++++++++++++++++++-----------
1 file changed, 196 insertions(+), 70 deletions(-)

diff --git a/libphobos/src/std/zlib.d b/libphobos/src/std/zlib.d
index e6cce240fd5..bd2fe37ebec 100644
--- a/libphobos/src/std/zlib.d
+++ b/libphobos/src/std/zlib.d
@@ -1,7 +1,7 @@
// Written in the D programming language.

/**
- * Compress/decompress data using the $(HTTP www._zlib.net, _zlib library).
+ * Compress/decompress data using the $(HTTP www.zlib.net, zlib library).
 *
 * Examples:
 *
@@ -43,12 +43,12 @@
 * References:
 *  $(HTTP en.wikipedia.org/wiki/Zlib, Wikipedia)
 *
- * Copyright: Copyright Digital Mars 2000 - 2011.
+ * Copyright: Copyright The D Language Foundation 2000
 - 2011.
 * License:   $(HTTP www.boost.org/LICENSE_1_0.txt, Boost License 1.0).
 * Authors:   $(HTTP digitalmars.com, Walter Bright)
- * Source:    $(PHOBOSSRC std/_zlib.d)
+ * Source:    $(PHOBOSSRC std/zlib.d)
```

```
 */
-/*          Copyright Digital Mars 2000 - 2011.
+/*          Copyright The D Language Foundation 2000 - 2011.
 * Distributed under the Boost Software License, Version 1.0.
 *    (See accompanying file LICENSE_1_0.txt or copy at
 *          http://www.boost.org/LICENSE_1_0.txt)
@@ -75,9 +75,9 @@ enum

 class ZlibException : Exception
 {
-    this(int errnum)
-    {   string msg;
-
+    private static string getmsg(int errnum) nothrow @nogc pure @safe
+    {
+        string msg;
         switch (errnum)
         {
             case Z_STREAM_END:      msg = "stream end"; break;
@@ -90,7 +90,12 @@ class ZlibException : Exception
             case Z_VERSION_ERROR:   msg = "version error"; break;
             default:                msg = "unknown error";  break;

-        }
+        }
-        super(msg);
+        return msg;
+    }
+
+    this(int errnum)
+    {
+        super(getmsg(errnum));
     }
 }

@@ -104,7 +109,7 @@ class ZlibException : Exception
 *     buf = buffer containing input data
 *
 * Returns:
-*     A $(D uint) checksum for the provided input data and starting checksum
+*     A `uint` checksum for the provided input data and starting checksum
 *
 * See_Also:
 *     $(LINK http://en.wikipedia.org/wiki/Adler-32)
@@ -147,7 +152,7 @@ uint adler32(uint adler, const(void)[] buf)
 *     buf = buffer containing input data
 *
 * Returns:
-*     A $(D uint) checksum for the provided input data and starting checksum
```

```
+ *     A `uint` checksum for the provided input data and starting checksum
 *
 * See_Also:
 *     $(LINK http://en.wikipedia.org/wiki/Cyclic_redundancy_check)
@@ -191,13 +196,14 @@ uint crc32(uint crc, const(void)[] buf)
ubyte[] compress(const(void)[] srcbuf, int level)
in
{
-    assert(-1 <= level && level <= 9);
+
  assert(-1 <= level && level <= 9, "Compression level needs to be within [-1, 9].");
}
-body
+do
{
    import core.memory : GC;
+    import std.array : uninitializedArray;
    auto destlen = srcbuf.length + ((srcbuf.length + 1023) / 1024) + 12;
-    auto destbuf = new ubyte[destlen];
+    auto destbuf = uninitializedArray!(ubyte[])(destlen);
    auto err = etc.c.zlib.compress2(destbuf.ptr, &destlen, cast(ubyte *) srcbuf.ptr, srcbuf.length, level);
    if (err)
    {
@@ -276,7 +282,7 @@ void[] uncompress(const(void)[] srcbuf, size_t destlen = 0u, int winbits = 15)
            throw new ZlibException(err);
        }
    }
-    assert(0);
+    assert(0, "Unreachable code");
}

@system unittest
@@ -370,9 +376,9 @@ class Compress
    this(int level, HeaderFormat header = HeaderFormat.deflate)
    in
    {
-        assert(1 <= level && level <= 9);
+        assert(1 <= level && level <= 9, "Legal compression level are in [1, 9].");
    }
-    body
+    do
    {

  this.level = level;
        this.gzip = header == HeaderFormat.gzip;
@@ -406,6 +412,7 @@ class Compress
    const(void)[] compress(const(void)[] buf)
    {
```

```
        import core.memory : GC;
+       import std.array : uninitializedArray;
        int err;
        ubyte[] destbuf;

@@ -420,7 +427,7 @@ class Compress
            inited = 1;
        }

-       destbuf = new ubyte[zs.avail_in + buf.length];
+       destbuf = uninitializedArray!(ubyte[])(zs.avail_in + buf.length);
        zs.next_out = destbuf.ptr;
        zs.avail_out = to!uint(destbuf.length);

@@ -461,9 +468,10 @@ class Compress
    void[] flush(int mode = Z_FINISH)
    in
    {
-       assert(mode == Z_FINISH || mode == Z_SYNC_FLUSH || mode == Z_FULL_FLUSH);
+       assert(mode == Z_FINISH || mode == Z_SYNC_FLUSH || mode == Z_FULL_FLUSH,
+              "Mode must be either Z_FINISH, Z_SYNC_FLUSH or Z_FULL_FLUSH.");
    }
-   body
+   do
    {
        import core.memory : GC;
        ubyte[] destbuf;
@@ -523,6 +531,7 @@ class UnCompress
    z_stream zs;
    int inited;
    int done;
+   bool inputEnded;
    size_t destbufsize;

    HeaderFormat format;
@@ -571,16 +580,16 @@ class UnCompress
    const(void)[] uncompress(const(void)[] buf)
    in
    {
-       assert(!done);
+       assert(!done, "Buffer has been flushed.");
    }
-   body
+   do
    {
+       if (inputEnded || !buf.length)
+           return null;
```

```
+
      import core.memory : GC;
+       import std.array : uninitializedArray;
      int err;
-      ubyte[] destbuf;
-
-      if (buf.length == 0)
-          return null;

      if (!inited)
      {
@@ -598,26 +607,152 @@ class UnCompress

      if (!destbufsize)
         destbufsize = to!uint(buf.length) * 2;
-      destbuf = new ubyte[zs.avail_in * 2 + destbufsize];
-      zs.next_out = destbuf.ptr;
-      zs.avail_out = to!uint(destbuf.length);
-
-      if (zs.avail_in)
-          buf = zs.next_in[0 .. zs.avail_in]
 ~ cast(ubyte[]) buf;
+       auto destbuf = uninitializedArray!(ubyte[])(destbufsize);
+       size_t destFill;

      zs.next_in = cast(ubyte*) buf.ptr;
      zs.avail_in = to!uint(buf.length);

-      err = inflate(&zs, Z_NO_FLUSH);
-      if (err != Z_STREAM_END && err != Z_OK)
+       while (true)
      {
-          GC.free(destbuf.ptr);
-          error(err);
+          auto oldAvailIn = zs.avail_in;
+
+          zs.next_out = destbuf[destFill .. $].ptr;
+          zs.avail_out = to!uint(destbuf.length - destFill);
+
+          err = inflate(&zs, Z_NO_FLUSH);
+          if (err == Z_STREAM_END)
+          {
+              inputEnded = true;
+              break;
+          }
+          else if (err != Z_OK)
+          {
+              GC.free(destbuf.ptr);
```

```
+            error(err);
+        }
+        else if (!zs.avail_in)
+            break;
+
+        /*
+            According to the zlib manual inflate()
 stops when either there's
+            no more data to uncompress or the output buffer is full
+            So at this point, the output buffer is too full
+        */
+
+        destFill = destbuf.length;
+
+        if (destbuf.capacity)
+        {
+            if (destbuf.length < destbuf.capacity)
+                destbuf.length = destbuf.capacity;
+            else
+            {
+                auto newLength = GC.extend(destbuf.ptr, destbufsize, destbufsize);
+
+                if (newLength && destbuf.length < destbuf.capacity)
+                    destbuf.length = destbuf.capacity;
+                else
+                    destbuf.length += destbufsize;
+            }
+        }
+        else
+            destbuf.length += destbufsize;
    }
+
    destbuf.length = destbuf.length - zs.avail_out;
    return destbuf;
  }

+  // Test for issues 3191 and 9505
+  @system unittest
+
  {
+      import std.algorithm.comparison;
+      import std.array;
+      import std.file;
+      import std.zlib;
+
+      // Data that can be easily compressed
+      ubyte[1024] originalData;
+
```

```
+       // This should yield a compression ratio of at least 1/2
+       auto compressedData = compress(originalData, 9);
+       assert(compressedData.length < originalData.length / 2,
+               "The compression ratio is too low to accurately test this situation");
+
+       auto chunkSize = compressedData.length / 4;
+       assert(chunkSize < compressedData.length,
+               "The length of the compressed data is too small to accurately test this situation");
+
+       auto decompressor = new UnCompress();
+       ubyte[originalData.length] uncompressedData;
+       ubyte[] reusedBuf;
+       int progress;
+
+       reusedBuf.length = chunkSize;
+
+       for (int i = 0; i < compressedData.length; i += chunkSize)
+       {
+           auto len =
 min(chunkSize, compressedData.length - i);
+           // simulate reading from a stream in small chunks
+           reusedBuf[0 .. len] = compressedData[i .. i + len];
+
+           // decompress using same input buffer
+           auto chunk = decompressor.uncompress(reusedBuf);
+           assert(progress + chunk.length <= originalData.length,
+                   "The uncompressed result is bigger than the original data");
+
+           uncompressedData[progress .. progress + chunk.length] = cast(const ubyte[]) chunk[];
+           progress += chunk.length;
+       }
+
+       auto chunk = decompressor.flush();
+       assert(progress + chunk.length <= originalData.length,
+               "The uncompressed result is bigger than the original data");
+
+       uncompressedData[progress .. progress + chunk.length] = cast(const ubyte[]) chunk[];
+       progress += chunk.length;
+
+       assert(progress == originalData.length,
+               "The uncompressed and the
 original data sizes differ");
+       assert(originalData[] == uncompressedData[],
+               "The uncompressed and the original data differ");
+   }
+
+   @system unittest
+   {
```

```
+       ubyte[1024] invalidData;
+       auto decompressor = new UnCompress();
+
+       try
+       {
+           auto uncompressedData = decompressor.uncompress(invalidData);
+       }
+       catch (ZlibException e)
+       {
+           assert(e.msg == "data error");
+           return;
+       }
+
+       assert(false, "Corrupted data didn't result in an error");
+   }
+
+   @system unittest
+   {
+       ubyte[2014] originalData = void;
+       auto compressedData = compress(originalData, 9);
+
+       auto decompressor = new UnCompress();
+       auto uncompressedData = decompressor.uncompress(compressedData ~ cast(ubyte[]) "whatever");
+
+       assert(originalData.length == uncompressedData.length,
+              "The uncompressed and the original data sizes differ");
+
        assert(originalData[] == uncompressedData[],
+              "The uncompressed and the original data differ");
+       assert(!decompressor.uncompress("whatever").length,
+              "Compression continued after the end");
+   }
+
    /**
     * Decompress and return any remaining data.
     * The returned data should be appended to that returned by uncompress().
@@ -626,49 +761,40 @@ class UnCompress
    void[] flush()
    in
    {
-       assert(!done);
+       assert(!done, "Buffer has been flushed before.");
    }
    out
    {
-       assert(done);
+       assert(done, "Flushing failed.");
    }
```

```
-   body
+    do
     {
-        import core.memory : GC;
-        ubyte[] extra;
-        ubyte[] destbuf;
-        int err;
-
         done = 1;
-        if (!inited)
-            return null;
+        return null;
+    }

-     L1:
-        destbuf = new ubyte[zs.avail_in * 2 + 100];
-        zs.next_out = destbuf.ptr;
-        zs.avail_out = to!uint(destbuf.length);
+
     /// Returns true if all input data has been decompressed and no further data
+    /// can be decompressed (inflate() returned Z_STREAM_END)
+    @property bool empty() const
+    {
+        return inputEnded;
+    }

-        err = etc.c.zlib.inflate(&zs, Z_NO_FLUSH);
-        if (err == Z_OK && zs.avail_out == 0)
-        {
-            extra ~= destbuf;
-            goto L1;
-        }
-        if (err != Z_STREAM_END)
-        {
-            GC.free(destbuf.ptr);
-            if (err == Z_OK)
-                err = Z_BUF_ERROR;
-            error(err);
-        }
-        destbuf = destbuf.ptr[0 .. zs.next_out - destbuf.ptr];
-        err = etc.c.zlib.inflateEnd(&zs);
-        inited = 0;
-        if (err)
-            error(err);
-        if (extra.length)
-            destbuf = extra ~ destbuf;
-        return destbuf;
+    ///
```

```
+    @system unittest
+    {
+        // some random data
+        ubyte[1024] originalData = void;
+
+        // append garbage data (or
 don't, this works in both cases)
+        auto compressedData = cast(ubyte[]) compress(originalData) ~ cast(ubyte[]) "whatever";
+
+        auto decompressor = new UnCompress();
+        auto uncompressedData = decompressor.uncompress(compressedData);
+
+        assert(uncompressedData[] == originalData[],
+               "The uncompressed and the original data differ");
+        assert(decompressor.empty, "The UnCompressor reports not being done");
    }
}

--
2.35.1
```

Found in path(s):
* /gcc-11-2-1-tar-gz/0016-dlang-update-zlib-binding.patch
No license file was found, but licenses were detected in source scan.

```
From 2c6bf28619c9b3bf713f7f5319c5d750a6c297ae Mon Sep 17 00:00:00 2001
From: =?UTF-8?q?S=C3=B6ren=20Tempel?= <soeren@soeren-tempel.net>
Date: Fri, 21 Jan 2022 19:22:46 +0000
Subject: [PATCH] Disable -fsplit-stack support on non-glibc targets
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit

The -fsplit-stack option requires the pthread_t TCB definition in the
libc to provide certain struct fields at specific hardcoded offsets. As
far as I know, only glibc provides these fields at the required offsets.
Most notably, musl libc does not have these fields. However, since gcc
accesses the fields using a fixed offset, this does not cause a
compile-time error, but instead results in a silent memory corruption at
run-time with musl libc. For example, on s390x libgcc's
__stack_split_initialize CTOR will overwrite the cancel field in the
pthread_t TCB on musl.

The -fsplit-stack option
 is used within the gcc code base itself by
gcc-go (if available). On musl-based systems with split-stack support
(i.e. s390x or x86) this causes Go programs compiled with gcc-go to
misbehave at run-time.
```

This patch fixes gcc-go on musl by disabling -fsplit-stack in gcc itself
since it is not supported on non-glibc targets anyhow. This is achieved
by checking if gcc targets a glibc-based system. This check has been
added for x86 and s390x, the rs6000 config already checks for
TARGET_GLIBC_MAJOR. Other architectures do not have split-stack
support. With this patch applied, the gcc-go configure script will
detect that -fsplit-stack support is not available and will not use it.

See https://www.openwall.com/lists/musl/2012/10/16/12

This patch was written under the assumption that glibc is the only libc
implementation which supports the required fields at the required
offsets in the pthread_t TCB. The patch has been tested on Alpine Linux
Edge on the s390x and x86 architectures by bootstrapping
 Google's Go
implementation with gcc-go.

Signed-off-by: SÃ¶ren Tempel <soeren@soeren-tempel.net>

gcc/ChangeLog:

 * common/config/s390/s390-common.c (s390_supports_split_stack):
 Only support split-stack on glibc targets.
 * config/i386/gnu-user-common.h (STACK_CHECK_STATIC_BUILTIN): Ditto.
 * config/i386/gnu.h (defined): Ditto.
---
gcc/common/config/s390/s390-common.c | 14 ++++++++++----
gcc/config/i386/gnu-user-common.h | 5 +++--
gcc/config/i386/gnu.h | 5 ++++-
3 files changed, 17 insertions(+), 7 deletions(-)

diff --git a/gcc/common/config/s390/s390-common.c b/gcc/common/config/s390/s390-common.c
index b6bc8501742..8c1e590322d 100644
--- a/gcc/common/config/s390/s390-common.c
+++ b/gcc/common/config/s390/s390-common.c
@@ -116,13 +116,19 @@ s390_handle_option (struct gcc_options *opts ATTRIBUTE_UNUSED,

/* -fsplit-stack uses a field in the TCB, available with glibc-2.23.
   We don't verify it, since earlier versions just have padding at
-   its place,
 which works just as well. */
+   its place, which works just as well. For other libc implementations
+   we disable the feature entirely to avoid corrupting the TCB. */

static bool
-s390_supports_split_stack (bool report ATTRIBUTE_UNUSED,
-      struct gcc_options *opts ATTRIBUTE_UNUSED)

```
+s390_supports_split_stack (bool report,
+      struct gcc_options *opts)
{
-  return true;
+  if (opts->x_linux_libc == LIBC_GLIBC)
+    return true;
+
+  if (report)
+    error ("%<-fsplit-stack%> currently only supported on GNU/Linux");
+  return false;
}

#undef TARGET_DEFAULT_TARGET_FLAGS
diff --git a/gcc/config/i386/gnu-user-common.h b/gcc/config/i386/gnu-user-common.h
index 00226f5a455..6e13315b5a3 100644
--- a/gcc/config/i386/gnu-user-common.h
+++ b/gcc/config/i386/gnu-user-common.h
@@ -66,7 +66,8 @@ along with GCC; see the file COPYING3.  If not see
#define STACK_CHECK_STATIC_BUILTIN 1

/* We only build the -fsplit-stack support in libgcc if the
-   assembler has full support
+   assembler has full support for the CFI directives and
+   targets glibc.  */
+#if HAVE_GAS_CFI_PERSONALITY_DIRECTIVE && OPTION_GLIBC
#define TARGET_CAN_SPLIT_STACK
#endif
diff --git a/gcc/config/i386/gnu.h b/gcc/config/i386/gnu.h
index 25fbc07f58c..afd3e8e8841 100644
--- a/gcc/config/i386/gnu.h
+++ b/gcc/config/i386/gnu.h
@@ -35,7 +35,10 @@ along with GCC.  If not, see <http://www.gnu.org/licenses/>.
   crti.o%s %{static:crtbeginT.o%s;shared|pie:crtbeginS.o%s;:crtbegin.o%s}"
#endif

-#ifdef TARGET_LIBC_PROVIDES_SSP
+/* -fsplit-stack uses a field in the TCB at a fixed offset. This
+   field is only available for glibc.  Disable -fsplit-stack for
+   other libc implementations to avoid silent TCB corruptions.  */
+#if defined (TARGET_LIBC_PROVIDES_SSP) && OPTION_GLIBC

/* i386 glibc provides __stack_chk_guard in %gs:0x14.  */
#define TARGET_THREAD_SSP_OFFSET        0x14
--
2.35.1
```

Found in path(s):
* /gcc-11-2-1-tar-gz/0046-Disable-fsplit-stack-support-on-non-glibc-targets.patch
No license file was found, but licenses were detected in source scan.

From 8de5d46c530ceca9f4add46d5cae3cd52c38eba3 Mon Sep 17 00:00:00 2001
From: Ariadne Conill <ariadne@dereferenced.org>
Date: Fri, 21 Aug 2020 06:46:56 +0000
Subject: [PATCH] On linux targets pass --as-needed by default to the linker,
but always link the sanitizer libraries with --no-as-needed.

---
gcc/config/aarch64/aarch64-linux.h | 1 +
gcc/config/alpha/linux-elf.h | 2 +-
gcc/config/arm/linux-elf.h | 1 +
gcc/config/gnu-user.h | 6 +++---
gcc/config/i386/gnu-user.h | 2 +-
gcc/config/i386/gnu-user64.h | 1 +
gcc/config/ia64/linux.h | 2 +-
gcc/config/mips/gnu-user.h | 1 +
gcc/config/riscv/linux.h | 1 +
gcc/config/rs6000/linux64.h | 4 ++--
gcc/config/rs6000/sysv4.h | 2 +-
gcc/config/s390/linux.h | 2 +-
gcc/config/sparc/linux.h | 2 +-
gcc/gcc.c | 28 ++++++++++++++++++++--------
14 files changed, 36 insertions(+), 19 deletions(-)

diff --git a/gcc/config/aarch64/aarch64-linux.h b/gcc/config/aarch64/aarch64-linux.h
index 7f2529a2a1d..b097e1688aa 100644
--- a/gcc/config/aarch64/aarch64-linux.h
+++ b/gcc/config/aarch64/aarch64-linux.h
@@ -35,6 +35,7 @@
#define CPP_SPEC "%{pthread:-D_REENTRANT}"

#define LINUX_TARGET_LINK_SPEC "%{h*} \
+ --as-needed \
%{static:-Bstatic} \
%{shared:-shared} \
%{symbolic:-Bsymbolic} \
diff --git a/gcc/config/alpha/linux-elf.h b/gcc/config/alpha/linux-elf.h
index c1dae8ca2cf..a87dc740171 100644
--- a/gcc/config/alpha/linux-elf.h
+++ b/gcc/config/alpha/linux-elf.h
@@ -37,7 +37,7 @@ along with GCC; see the file COPYING3. If not see

#define ELF_DYNAMIC_LINKER GNU_USER_DYNAMIC_LINKER

-#define LINK_SPEC "-m elf64alpha %{G*} %{relax:-relax} \

```
+#define LINK_SPEC "-m elf64alpha --as-needed %{G*} %{relax:-relax}  \
  %{O*:-O3} %{!O*:-O1}      \
  %{shared:-shared}      \
  %{!shared:       \
diff
 --git a/gcc/config/arm/linux-elf.h b/gcc/config/arm/linux-elf.h
index 0c1c4e70b6b..8b581afacdd 100644
--- a/gcc/config/arm/linux-elf.h
+++ b/gcc/config/arm/linux-elf.h
@@ -70,6 +70,7 @@
     %{rdynamic:-export-dynamic} \
     %{!shared:-dynamic-linker " GNU_USER_DYNAMIC_LINKER "}} \
   -X \
+   --as-needed \
   %{mbig-endian:-EB} %{mlittle-endian:-EL}" \
   SUBTARGET_EXTRA_LINK_SPEC

diff --git a/gcc/config/gnu-user.h b/gcc/config/gnu-user.h
index 5ebbf42a13d..902378e1bad 100644
--- a/gcc/config/gnu-user.h
+++ b/gcc/config/gnu-user.h
@@ -136,7 +136,7 @@ see the files COPYING3 and COPYING.RUNTIME respectively.  If not, see
#define LIBASAN_EARLY_SPEC "%{!shared:libasan_preinit%O%s} " \
  "%{static-libasan:%{!shared:" \
  LD_STATIC_OPTION " --whole-archive -lasan --no-whole-archive " \
-  LD_DYNAMIC_OPTION "}}%{!static-libasan:-lasan}"
+  LD_DYNAMIC_OPTION "}}%{!static-libasan:%{!fuse-ld=gold:--push-state} --no-as-needed -lasan %{fuse-ld=gold:--as-needed;:--pop-state}}"
 #undef LIBHWASAN_EARLY_SPEC
#define LIBHWASAN_EARLY_SPEC "%{static-libhwasan:%{!shared:" \
  LD_STATIC_OPTION " --whole-archive -lhwasan --no-whole-archive " \
@@ -145,12 +145,12 @@ see the files COPYING3 and COPYING.RUNTIME respectively.  If not, see
#define LIBTSAN_EARLY_SPEC "%{!shared:libtsan_preinit%O%s} " \
  "%{static-libtsan:%{!shared:" \
  LD_STATIC_OPTION " --whole-archive -ltsan --no-whole-archive " \
-  LD_DYNAMIC_OPTION "}}%{!static-libtsan:-ltsan}"
+  LD_DYNAMIC_OPTION "}}%{!static-libtsan:%{!fuse-ld=gold:--push-state} --no-as-needed -ltsan %{fuse-ld=gold:--as-needed;:--pop-state}}"
#undef LIBLSAN_EARLY_SPEC
#define LIBLSAN_EARLY_SPEC "%{!shared:liblsan_preinit%O%s} " \
  "%{static-liblsan:%{!shared:" \
  LD_STATIC_OPTION " --whole-archive -llsan --no-whole-archive " \
-  LD_DYNAMIC_OPTION "}}%{!static-liblsan:-llsan}"
+  LD_DYNAMIC_OPTION "}}%{!static-liblsan:%{!fuse-ld=gold:--push-state} --no-as-needed -llsan %{fuse-ld=gold:--as-needed;:--pop-state}}"
#endif

#undef TARGET_F951_OPTIONS
```

```
diff --git a/gcc/config/i386/gnu-user.h b/gcc/config/i386/gnu-user.h
index a23e7ab3eb7..12ac8cb93a9 100644
--- a/gcc/config/i386/gnu-user.h
+++ b/gcc/config/i386/gnu-user.h
@@ -68,7 +68,7 @@ along with GCC; see the file COPYING3.  If not see
  { "link_emulation", GNU_USER_LINK_EMULATION },\
  { "dynamic_linker", GNU_USER_DYNAMIC_LINKER }

-#define GNU_USER_TARGET_LINK_SPEC "-m %(link_emulation) %{shared:-shared} \
+#define GNU_USER_TARGET_LINK_SPEC "-m %(link_emulation) --as-needed %{shared:-shared} \
  %{!shared: \
    %{!static: \
      %{!static-pie: \
diff --git a/gcc/config/i386/gnu-user64.h b/gcc/config/i386/gnu-user64.h
index f3e25b1412a..712b0f1c30e 100644
--- a/gcc/config/i386/gnu-user64.h
+++ b/gcc/config/i386/gnu-user64.h
@@ -56,6 +56,7 @@ see the files COPYING3 and COPYING.RUNTIME respectively.  If not, see
                "%{" SPEC_64 ":-m " GNU_USER_LINK_EMULATION64 "} \
                 %{" SPEC_32 ":-m " GNU_USER_LINK_EMULATION32
 "} \
                 %{" SPEC_X32 ":-m " GNU_USER_LINK_EMULATIONX32 "} \
+  --as-needed \
  %{shared:-shared} \
  %{!shared: \
    %{!static: \
diff --git a/gcc/config/ia64/linux.h b/gcc/config/ia64/linux.h
index ac40c3dfd3f..6e19e25c35a 100644
--- a/gcc/config/ia64/linux.h
+++ b/gcc/config/ia64/linux.h
@@ -58,7 +58,7 @@ do {      \
#define GLIBC_DYNAMIC_LINKER "/lib/ld-linux-ia64.so.2"

#undef LINK_SPEC
-#define LINK_SPEC "\
+#define LINK_SPEC " --as-needed \
  %{shared:-shared} \
  %{!shared: \
    %{!static: \
diff --git a/gcc/config/mips/gnu-user.h b/gcc/config/mips/gnu-user.h
index a390bcece83..be0ee289367 100644
--- a/gcc/config/mips/gnu-user.h
+++ b/gcc/config/mips/gnu-user.h
@@ -55,6 +55,7 @@ along with GCC; see the file COPYING3.  If not see
#undef GNU_USER_TARGET_LINK_SPEC
#define GNU_USER_TARGET_LINK_SPEC "\
  %{G*} %{EB} %{EL} %{mips*} %{shared} \
+ -as-needed \
```

```
  %{!shared: \
    %{!static: \
      %{rdynamic:-export-dynamic} \
diff --git a/gcc/config/riscv/linux.h
 b/gcc/config/riscv/linux.h
index fce5b896e6e..ee29979dd34 100644
--- a/gcc/config/riscv/linux.h
+++ b/gcc/config/riscv/linux.h
@@ -58,6 +58,7 @@ along with GCC; see the file COPYING3.  If not see
  "%{mabi=ilp32:_ilp32}"

#define LINK_SPEC "\
+-as-needed \
-melf" XLEN_SPEC DEFAULT_ENDIAN_SPEC "riscv" LD_EMUL_SUFFIX " \
%{mno-relax:--no-relax} \
%{mbig-endian:-EB} \
diff --git a/gcc/config/rs6000/linux64.h b/gcc/config/rs6000/linux64.h
index e3f2cd254f6..43499ed29cf 100644
--- a/gcc/config/rs6000/linux64.h
+++ b/gcc/config/rs6000/linux64.h
@@ -374,13 +374,13 @@ extern int dot_symbols;
       " -m elf64ppc")
#endif

-#define LINK_OS_LINUX_SPEC32 LINK_OS_LINUX_EMUL32 " %{!shared: %{!static: \
+#define LINK_OS_LINUX_SPEC32 LINK_OS_LINUX_EMUL32 " --as-needed %{!shared: %{!static: \
  %{!static-pie: \
    %{rdynamic:-export-dynamic} \
    -dynamic-linker " GNU_USER_DYNAMIC_LINKER32 "}}} \
  %(link_os_extra_spec32)"

-#define LINK_OS_LINUX_SPEC64 LINK_OS_LINUX_EMUL64
 " %{!shared: %{!static: \
+#define LINK_OS_LINUX_SPEC64 LINK_OS_LINUX_EMUL64 " --as-needed %{!shared: %{!static: \
  %{!static-pie: \
    %{rdynamic:-export-dynamic} \
    -dynamic-linker " GNU_USER_DYNAMIC_LINKER64 "}}} \
diff --git a/gcc/config/rs6000/sysv4.h b/gcc/config/rs6000/sysv4.h
index 510abe169c5..3c1f3a8ec5d 100644
--- a/gcc/config/rs6000/sysv4.h
+++ b/gcc/config/rs6000/sysv4.h
@@ -789,7 +789,7 @@ GNU_USER_TARGET_CC1_SPEC
#define GNU_USER_DYNAMIC_LINKER GLIBC_DYNAMIC_LINKER
#endif

-#define LINK_OS_LINUX_SPEC "-m elf32ppclinux %{!shared: %{!static: \
+#define LINK_OS_LINUX_SPEC "-m elf32ppclinux --as-needed %{!shared: %{!static: \
  %{rdynamic:-export-dynamic} \
```

```
  -dynamic-linker " GNU_USER_DYNAMIC_LINKER "}}"

diff --git a/gcc/config/s390/linux.h b/gcc/config/s390/linux.h
index daa48fdfc2b..2fcfc5d770f 100644
--- a/gcc/config/s390/linux.h
+++ b/gcc/config/s390/linux.h
@@ -82,7 +82,7 @@ along with GCC; see the file COPYING3.  If not see

#undef  LINK_SPEC
#define
 LINK_SPEC \
-  "%{m31:-m elf_s390}%{m64:-m elf64_s390} \
+  "%{m31:-m elf_s390}%{m64:-m elf64_s390} --as-needed \
    %{shared:-shared} \
    %{!shared: \
      %{static:-static} \
diff --git a/gcc/config/sparc/linux.h b/gcc/config/sparc/linux.h
index 2550d7ee8f0..7596d0b2757 100644
--- a/gcc/config/sparc/linux.h
+++ b/gcc/config/sparc/linux.h
@@ -81,7 +81,7 @@ extern const char *host_detect_local_cpu (int argc, const char **argv);
#define GLIBC_DYNAMIC_LINKER "/lib/ld-linux.so.2"

#undef  LINK_SPEC
-#define LINK_SPEC "-m elf32_sparc %{shared:-shared} \
+#define LINK_SPEC "-m elf32_sparc --as-needed %{shared:-shared} \
   %{!mno-relax:%{!r:-relax}} \
   %{!shared: \
     %{!static: \
diff --git a/gcc/gcc.c b/gcc/gcc.c
index faf9ce76b3d..1ad5da6d769 100644
--- a/gcc/gcc.c
+++ b/gcc/gcc.c
@@ -737,8 +737,11 @@ proper position among the other output files.  */
#ifdef LIBASAN_EARLY_SPEC
#define LIBASAN_SPEC STATIC_LIBASAN_LIBS
#elif defined(HAVE_LD_STATIC_DYNAMIC)
-#define LIBASAN_SPEC
 "%{static-libasan:" LD_STATIC_OPTION \
-       "} -lasan %{static-libasan:" LD_DYNAMIC_OPTION "}" \
+#define LIBASAN_SPEC "%{static-libasan:" LD_STATIC_OPTION "}" \
+       " %{!static-libasan:%{!fuse-ld=gold:--push-state }--no-as-needed}" \
+       " -lasan " \
+       " %{static-libasan:" LD_DYNAMIC_OPTION "}" \
+       " %{!static-libasan:%{fuse-ld=gold:--as-needed;:--pop-state}}" \
      STATIC_LIBASAN_LIBS
#else
#define LIBASAN_SPEC "-lasan" STATIC_LIBASAN_LIBS
```

```
@@ -773,8 +776,11 @@ proper position among the other output files.  */
#ifdef LIBTSAN_EARLY_SPEC
#define LIBTSAN_SPEC STATIC_LIBTSAN_LIBS
#elif defined(HAVE_LD_STATIC_DYNAMIC)
-#define LIBTSAN_SPEC "%{static-libtsan:" LD_STATIC_OPTION \
-      "} -ltsan %{static-libtsan:" LD_DYNAMIC_OPTION "}" \
+#define LIBTSAN_SPEC "%{static-libtsan:" LD_STATIC_OPTION "}" \
+      " %{!static-libtsan:%{!fuse-ld=gold:--push-state }--no-as-needed}" \
+      " -ltsan " \
+      " %{static-libtsan:" LD_DYNAMIC_OPTION "}" \
+
    " %{!static-libtsan:%{fuse-ld=gold:--as-needed;:--pop-state}}" \
     STATIC_LIBTSAN_LIBS
#else
#define LIBTSAN_SPEC "-ltsan" STATIC_LIBTSAN_LIBS
@@ -791,8 +797,11 @@ proper position among the other output files.  */
#ifdef LIBLSAN_EARLY_SPEC
#define LIBLSAN_SPEC STATIC_LIBLSAN_LIBS
#elif defined(HAVE_LD_STATIC_DYNAMIC)
-#define LIBLSAN_SPEC "%{static-liblsan:" LD_STATIC_OPTION \
-      "} -llsan %{static-liblsan:" LD_DYNAMIC_OPTION "}" \
+#define LIBLSAN_SPEC "%{static-liblsan:" LD_STATIC_OPTION "}" \
+      " %{!static-liblsan:%{!fuse-ld=gold:--push-state }--no-as-needed}" \
+      " -llsan " \
+      " %{static-liblsan:" LD_DYNAMIC_OPTION "}" \
+      " %{!static-liblsan:%{fuse-ld=gold:--as-needed;:--pop-state}}" \
     STATIC_LIBLSAN_LIBS
#else
#define LIBLSAN_SPEC "-llsan" STATIC_LIBLSAN_LIBS
@@ -807,8 +816,11 @@ proper position among the other output files.  */
 #ifdef HAVE_LD_STATIC_DYNAMIC
-#define LIBUBSAN_SPEC "%{static-libubsan:" LD_STATIC_OPTION \
-      "} -lubsan %{static-libubsan:" LD_DYNAMIC_OPTION "}" \
+#define LIBUBSAN_SPEC "%{static-libubsan:" LD_STATIC_OPTION "}" \
+      " %{!static-libubsan:%{!fuse-ld=gold:--push-state }--no-as-needed}" \
+      " -lubsan " \
+      " %{static-libubsan:" LD_DYNAMIC_OPTION "}" \
+      " %{!static-libubsan:%{fuse-ld=gold:--as-needed;:--pop-state}}" \
     STATIC_LIBUBSAN_LIBS
#else
#define LIBUBSAN_SPEC "-lubsan" STATIC_LIBUBSAN_LIBS
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0005-On-linux-targets-pass-as-needed-by-default-to-the-li.patch
```

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

```
From d7064ab25a561bb99c3d0b35663154656013aed2 Mon Sep 17 00:00:00 2001
From: Ariadne Conill <ariadne@dereferenced.org>
Date: Fri, 21 Aug 2020 07:06:30 +0000
Subject: [PATCH] ada: libgnarl compatibility for musl

---
gcc/ada/libgnarl/s-osinte__linux.ads | 11 ------
gcc/ada/libgnarl/s-taprop__linux.adb | 53 ++-------------------------
2 files changed, 3 insertions(+), 61 deletions(-)

diff --git a/gcc/ada/libgnarl/s-osinte__linux.ads b/gcc/ada/libgnarl/s-osinte__linux.ads
index 2272f83d68d..1d78456544a 100644
--- a/gcc/ada/libgnarl/s-osinte__linux.ads
+++ b/gcc/ada/libgnarl/s-osinte__linux.ads
@@ -401,12 +401,6 @@ package System.OS_Interface is
   PTHREAD_RWLOCK_PREFER_WRITER_NP             : constant := 1;
   PTHREAD_RWLOCK_PREFER_WRITER_NONRECURSIVE_NP : constant := 2;

-   function pthread_rwlockattr_setkind_np
-     (attr : access pthread_rwlockattr_t;
-      pref : int) return int;
-   pragma Import
-
 (C, pthread_rwlockattr_setkind_np, "pthread_rwlockattr_setkind_np");
-
   function pthread_rwlock_init
     (mutex : access pthread_rwlock_t;
      attr  : access pthread_rwlockattr_t) return int;
@@ -468,11 +462,6 @@ package System.OS_Interface is
      protocol : int) return int;
   pragma Import (C, pthread_mutexattr_setprotocol);

-   function pthread_mutexattr_setprioceiling
-     (attr        : access pthread_mutexattr_t;
-      prioceiling : int) return int;
-   pragma Import (C, pthread_mutexattr_setprioceiling);
-
   type struct_sched_param is record
     sched_priority : int;  --  scheduling priority
   end record;
diff --git a/gcc/ada/libgnarl/s-taprop__linux.adb b/gcc/ada/libgnarl/s-taprop__linux.adb
index 757a6cdfdad..82df94f6a00 100644
--- a/gcc/ada/libgnarl/s-taprop__linux.adb
+++ b/gcc/ada/libgnarl/s-taprop__linux.adb
@@ -198,9 +198,6 @@ package body System.Task_Primitives.Operations is
   pragma Import
```

```
     (C, GNAT_pthread_condattr_setup, "__gnat_pthread_condattr_setup");

-    function GNAT_has_cap_sys_nice return C.int;
-    pragma Import
-      (C, GNAT_has_cap_sys_nice, "__gnat_has_cap_sys_nice");
     --  We do not have pragma Linker_Options ("-lcap"); here, because this
     --  library is not present on many Linux systems. 'libcap' is the Linux
     --  "capabilities" library, called by __gnat_has_cap_sys_nice.
@@ -210,38 +207,6 @@ package body System.Task_Primitives.Operations is
     --  Convert Ada priority to Linux priority. Priorities are 1 .. 99 on
     --  GNU/Linux, so we map 0 .. 98 to 1 .. 99.

-    function Get_Ceiling_Support return Boolean;
-    --  Get the value of the Ceiling_Support constant (see below).
-    --  Note well: If this function or related code is modified, it should be
-    --  tested by hand, because automated testing doesn't exercise it.
-
-    -------------------------
-    -- Get_Ceiling_Support --
-    -------------------------
-
-    function Get_Ceiling_Support return Boolean is
-       Ceiling_Support : Boolean
    := False;
-    begin
-       if Locking_Policy /= 'C' then
-          return False;
-       end if;
-
-       declare
-          function geteuid return Integer;
-          pragma Import (C, geteuid, "geteuid");
-          Superuser : constant Boolean := geteuid = 0;
-          Has_Cap : constant C.int := GNAT_has_cap_sys_nice;
-          pragma Assert (Has_Cap in 0 | 1);
-       begin
-          Ceiling_Support := Superuser or else Has_Cap = 1;
-       end;
-
-       return Ceiling_Support;
-    end Get_Ceiling_Support;
-
-    pragma Warnings (Off, "non-preelaborable call not allowed*");
-    Ceiling_Support : constant Boolean := Get_Ceiling_Support;
-    pragma Warnings (On, "non-preelaborable call not allowed*");
     --  True if the locking policy is Ceiling_Locking, and the current process
     --  has permission to use this policy. The process has permission if it is
     --  running as 'root', or if the capability was set by the setcap command,
```

```
@@ -344,7 +309,9 @@ package body System.Task_Primitives.Operations
 is
   -- Init_Mutex --
   ----------------

+   pragma Warnings (Off, "formal parameter * is not referenced");
   function Init_Mutex (L : RTS_Lock_Ptr; Prio : Any_Priority) return C.int is
+   pragma Warnings (On, "formal parameter * is not referenced");
      Mutex_Attr : aliased pthread_mutexattr_t;
      Result, Result_2 : C.int;

@@ -356,16 +323,7 @@ package body System.Task_Primitives.Operations is
         return Result;
      end if;

-     if Ceiling_Support then
-        Result := pthread_mutexattr_setprotocol
-          (Mutex_Attr'Access, PTHREAD_PRIO_PROTECT);
-        pragma Assert (Result = 0);
-
-        Result := pthread_mutexattr_setprioceiling
-          (Mutex_Attr'Access, Prio_To_Linux_Prio (Prio));
-        pragma Assert (Result = 0);
-
-     elsif Locking_Policy = 'I' then
+      if Locking_Policy = 'I' then
        Result := pthread_mutexattr_setprotocol
         (Mutex_Attr'Access, PTHREAD_PRIO_INHERIT);
        pragma Assert
 (Result = 0);
@@ -405,11 +363,6 @@ package body System.Task_Primitives.Operations is
          Result := pthread_rwlockattr_init (RWlock_Attr'Access);
          pragma Assert (Result = 0);

-          Result := pthread_rwlockattr_setkind_np
-            (RWlock_Attr'Access,
-             PTHREAD_RWLOCK_PREFER_WRITER_NONRECURSIVE_NP);
-          pragma Assert (Result = 0);
-
          Result := pthread_rwlock_init (L.RW'Access, RWlock_Attr'Access);

          pragma Assert (Result in 0 | ENOMEM);
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0031-ada-libgnarl-compatibility-for-musl.patch
```

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

From 18d44a7f8d801cc6926a73e2dda2f0ce859dc561 Mon Sep 17 00:00:00 2001
From: Ariadne Conill <ariadne@dereferenced.org>
Date: Fri, 21 Aug 2020 07:01:06 +0000
Subject: [PATCH] add fortify-headers paths

---
gcc/config/linux.h | 2 ++
1 file changed, 2 insertions(+)

diff --git a/gcc/config/linux.h b/gcc/config/linux.h
index 4e1db60fced..7fcf402b416 100644
--- a/gcc/config/linux.h
+++ b/gcc/config/linux.h
@@ -167,6 +167,8 @@ see the files COPYING3 and COPYING.RUNTIME respectively. If not, see

#ifdef NATIVE_SYSTEM_HEADER_DIR
#define INCLUDE_DEFAULTS_MUSL_NATIVE   \
+   { NATIVE_SYSTEM_HEADER_DIR "/fortify", 0, 0, 0, 1, 2 }, \
+   { NATIVE_SYSTEM_HEADER_DIR "/fortify", 0, 0, 0, 1, 0 }, \
    { NATIVE_SYSTEM_HEADER_DIR, 0, 0, 0, 1, 2 }, \
    { NATIVE_SYSTEM_HEADER_DIR, 0, 0, 0, 1, 0 },
#else
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0021-add-fortify-headers-paths.patch
No license file was found, but licenses were detected in source scan.

From 7b5108375bb67532af30d1e7f553ac5f3b1096fe Mon Sep 17 00:00:00 2001
From: Jakub Jelinek <jakub@redhat.com>
Date: Mon, 24 Jan 2022 11:13:39 +0100
Subject: [PATCH] properly disable -fsplit-stack on non-glibc targets
[PR104170]
MIME-Version: 1.0
Content-Type: text/plain; charset=UTF-8
Content-Transfer-Encoding: 8bit

On Sat, Jan 22, 2022 at 10:32:21AM +0100, Martin Liška wrote:
> I've just noticed the patch broke a few cross compilers:
>
> s390x-ibm-tpf:
>
> /home/marxin/buildworker/zen2-cross-compilers/build/gcc/common/config/s390/s390-common.cc: In function
‘bool s390_supports_split_stack(bool, gcc_options*)’:
> /home/marxin/buildworker/zen2-cross-compilers/build/gcc/common/config/s390/s390-common.cc:126:13: error:

‘struct gcc_options’ has no member named ‘x_linux_libc’
> 126 | if (opts->x_linux_libc == LIBC_GLIBC)
> | ^~~~~~~~~~~~
>
> i686-kopensolaris-gnu, i686-symbolics-gnu
>
> /home/marxin/buildworker/zen2-cross-compilers/build/gcc/common/config/i386/i386-common.cc:
In function ‘bool ix86_supports_split_stack(bool, gcc_options*)’:
> /home/marxin/buildworker/zen2-cross-compilers/build/gcc/common/config/i386/i386-common.cc:1721:13: error:
‘struct gcc_options’ has no member named ‘x_linux_libc’
> 1721 | if (opts->x_linux_libc != LIBC_GLIBC)
> | ^~~~~~~~~~~~
> make[1]: *** [Makefile:2418: i386-common.o] Error 1
>
> Can you please take a look? Btw. do you have a bugzilla account?

I bet instead of opts->x_linux_libc != LIBC_GLIBC it needs to use
#ifdef OPTION_GLIBC
 if (!OPTION_GLIBC)
#endif
or so. I think the first committed patch actually used that
but used it in #if directive, which is wrong because it is something
that needs to be evaluated at runtime.

That doesn't work well either, because the *supports_split_stack
hooks have opts argument and OPTION_GLIBC doesn't take that.

So, here is a patch that introduces OPTION_*_P macros that take opts
as
an argument and redefines OPTION_* using those (similarly to how
the option scripts create TARGET_*_P and TARGET_* macros).

2022-01-24 Jakub Jelinek <jakub@redhat.com>

PR bootstrap/104170
* config/linux.h (OPTION_GLIBC_P, OPTION_UCLIBC_P,
OPTION_BIONIC_P, OPTION_MUSL_P): Define.
(OPTION_GLIBC, OPTION_UCLIBC, OPTION_BIONIC, OPTION_MUSL): Redefine
using OPTION_*_P macros.
* config/alpha/linux.h (OPTION_GLIBC_P, OPTION_UCLIBC_P,
OPTION_BIONIC_P, OPTION_MUSL_P): Define.
(OPTION_GLIBC, OPTION_UCLIBC, OPTION_BIONIC, OPTION_MUSL): Redefine
using OPTION_*_P macros.
* config/rs6000/linux.h (OPTION_GLIBC_P, OPTION_UCLIBC_P,
OPTION_BIONIC_P, OPTION_MUSL_P): Define.
(OPTION_GLIBC, OPTION_UCLIBC, OPTION_BIONIC, OPTION_MUSL): Redefine
using OPTION_*_P macros.
* config/rs6000/linux64.h (OPTION_GLIBC_P, OPTION_UCLIBC_P,

```
 OPTION_BIONIC_P, OPTION_MUSL_P): Define.
 (OPTION_GLIBC, OPTION_UCLIBC, OPTION_BIONIC, OPTION_MUSL): Redefine
 using OPTION_*_P macros.
 * config/fuchsia.h (OPTION_MUSL_P):
 Redefine.
 * config/glibc-stdint.h (OPTION_MUSL_P): Define if not defined.
 * common/config/s390/s390-common.cc (s390_supports_split_stack): Re-add
 ATTRIBUTE_UNUSED to opts parameter.  If OPTION_GLIBC_P is defined, use
 OPTION_GLIBC_P (opts) as condition, otherwise assume if (false).
 * common/config/i386/i386-common.cc (ix86_supports_split_stack): If
 OPTION_GLIBC_P is defined use !OPTION_GLIBC_P (opts) as condition,
 otherwise assume if (true).
---
gcc/common/config/i386/i386-common.c |  4 ++--
gcc/common/config/s390/s390-common.c |  6 ++++--
gcc/config/alpha/linux.h             | 25 +++++++++++++++++----------
gcc/config/fuchsia.h                 |  2 ++
gcc/config/glibc-stdint.h            |  3 +++
gcc/config/linux.h                   | 25 +++++++++++++++++----------
gcc/config/rs6000/linux.h            | 25 +++++++++++++++++----------
gcc/config/rs6000/linux64.h          | 25 +++++++++++++++++----------
8 files changed, 71 insertions(+), 44 deletions(-)

diff --git
 a/gcc/common/config/i386/i386-common.c b/gcc/common/config/i386/i386-common.c
index a3b5258e828..864e68ab985 100644
--- a/gcc/common/config/i386/i386-common.c
+++ b/gcc/common/config/i386/i386-common.c
@@ -1699,8 +1699,8 @@ static bool
ix86_supports_split_stack (bool report,
     struct gcc_options *opts ATTRIBUTE_UNUSED)
{
-#ifdef TARGET_THREAD_SPLIT_STACK_OFFSET
-  if (opts->x_linux_libc != LIBC_GLIBC)
+#if defined(TARGET_THREAD_SPLIT_STACK_OFFSET) && defined(OPTION_GLIBC_P)
+  if (!OPTION_GLIBC_P (opts))
#endif
    {
     if (report)
diff --git a/gcc/common/config/s390/s390-common.c b/gcc/common/config/s390/s390-common.c
index 8c1e590322d..11116f131cb 100644
--- a/gcc/common/config/s390/s390-common.c
+++ b/gcc/common/config/s390/s390-common.c
@@ -121,10 +121,12 @@ s390_handle_option (struct gcc_options *opts ATTRIBUTE_UNUSED,

static bool
s390_supports_split_stack (bool report,
-      struct gcc_options *opts)
```

```
+      struct gcc_options *opts ATTRIBUTE_UNUSED)
{
-  if (opts->x_linux_libc
   == LIBC_GLIBC)
+#ifdef OPTION_GLIBC_P
+  if (OPTION_GLIBC_P (opts))
    return true;
+#endif

  if (report)
    error ("%<-fsplit-stack%> currently only supported on GNU/Linux");
diff --git a/gcc/config/alpha/linux.h b/gcc/config/alpha/linux.h
index bde7fb0d292..812ec8ecb31 100644
--- a/gcc/config/alpha/linux.h
+++ b/gcc/config/alpha/linux.h
@@ -58,18 +58,23 @@ along with GCC; see the file COPYING3.  If not see
#define WCHAR_TYPE "int"

#ifdef SINGLE_LIBC
-#define OPTION_GLIBC  (DEFAULT_LIBC == LIBC_GLIBC)
-#define OPTION_UCLIBC (DEFAULT_LIBC == LIBC_UCLIBC)
-#define OPTION_BIONIC (DEFAULT_LIBC == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (DEFAULT_LIBC == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) (DEFAULT_LIBC == LIBC_GLIBC)
+#define OPTION_UCLIBC_P(opts) (DEFAULT_LIBC == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) (DEFAULT_LIBC == LIBC_BIONIC)
+#undef OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) (DEFAULT_LIBC == LIBC_MUSL)
#else
-#define OPTION_GLIBC
  (linux_libc == LIBC_GLIBC)
-#define OPTION_UCLIBC (linux_libc == LIBC_UCLIBC)
-#define OPTION_BIONIC (linux_libc == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (linux_libc == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) ((opts)->x_linux_libc == LIBC_GLIBC)
+#define OPTION_UCLIBC_P(opts) ((opts)->x_linux_libc == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) ((opts)->x_linux_libc == LIBC_BIONIC)
+#undef OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) ((opts)->x_linux_libc == LIBC_MUSL)
#endif
+#define OPTION_GLIBC  OPTION_GLIBC_P (&global_options)
+#define OPTION_UCLIBC  OPTION_UCLIBC_P (&global_options)
+#define OPTION_BIONIC  OPTION_BIONIC_P (&global_options)
+#undef OPTION_MUSL
+#define OPTION_MUSL  OPTION_MUSL_P (&global_options)
```

```
/* Determine what functions are present at the runtime;
   this includes full c99 runtime and sincos.  */
diff --git a/gcc/config/fuchsia.h b/gcc/config/fuchsia.h
index 54602dc300d..47c0dfd8b81 100644
--- a/gcc/config/fuchsia.h
+++ b/gcc/config/fuchsia.h
@@
 -52,6 +52,8 @@ along with GCC; see the file COPYING3.  If not see
/* We are using MUSL as our libc.  */
#undef  OPTION_MUSL
#define OPTION_MUSL 1
+#undef  OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) 1

#ifndef TARGET_SUB_OS_CPP_BUILTINS
#define TARGET_SUB_OS_CPP_BUILTINS()
diff --git a/gcc/config/glibc-stdint.h b/gcc/config/glibc-stdint.h
index c8d7ba18d1c..f095197514f 100644
--- a/gcc/config/glibc-stdint.h
+++ b/gcc/config/glibc-stdint.h
@@ -27,6 +27,9 @@ see the files COPYING3 and COPYING.RUNTIME respectively.  If not, see
#ifndef OPTION_MUSL
#define OPTION_MUSL 0
#endif
+#ifndef OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) 0
+#endif

#define SIG_ATOMIC_TYPE "int"

diff --git a/gcc/config/linux.h b/gcc/config/linux.h
index 7fcf402b416..ab62a1741f7 100644
--- a/gcc/config/linux.h
+++ b/gcc/config/linux.h
@@ -29,18 +29,23 @@ see the files COPYING3 and COPYING.RUNTIME respectively.  If not, see

/* C libraries supported on Linux.  */
#ifdef SINGLE_LIBC
-#define OPTION_GLIBC
  (DEFAULT_LIBC == LIBC_GLIBC)
-#define OPTION_UCLIBC (DEFAULT_LIBC == LIBC_UCLIBC)
-#define OPTION_BIONIC (DEFAULT_LIBC == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (DEFAULT_LIBC == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) (DEFAULT_LIBC == LIBC_GLIBC)
+#define OPTION_UCLIBC_P(opts) (DEFAULT_LIBC == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) (DEFAULT_LIBC == LIBC_BIONIC)
+#undef OPTION_MUSL_P
```

```
+#define OPTION_MUSL_P(opts) (DEFAULT_LIBC == LIBC_MUSL)
#else
-#define OPTION_GLIBC  (linux_libc == LIBC_GLIBC)
-#define OPTION_UCLIBC (linux_libc == LIBC_UCLIBC)
-#define OPTION_BIONIC (linux_libc == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (linux_libc == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) ((opts)->x_linux_libc == LIBC_GLIBC)
+#define OPTION_UCLIBC_P(opts) ((opts)->x_linux_libc == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) ((opts)->x_linux_libc == LIBC_BIONIC)
+#undef OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) ((opts)->x_linux_libc == LIBC_MUSL)
#endif
+#define
 OPTION_GLIBC  OPTION_GLIBC_P (&global_options)
+#define OPTION_UCLIBC  OPTION_UCLIBC_P (&global_options)
+#define OPTION_BIONIC  OPTION_BIONIC_P (&global_options)
+#undef OPTION_MUSL
+#define OPTION_MUSL  OPTION_MUSL_P (&global_options)

#define GNU_USER_TARGET_OS_CPP_BUILTINS()   \
   do {      \
diff --git a/gcc/config/rs6000/linux.h b/gcc/config/rs6000/linux.h
index 47c9d9ac0b6..be04462d357 100644
--- a/gcc/config/rs6000/linux.h
+++ b/gcc/config/rs6000/linux.h
@@ -27,18 +27,23 @@
#define NO_PROFILE_COUNTERS 1

#ifdef SINGLE_LIBC
-#define OPTION_GLIBC  (DEFAULT_LIBC == LIBC_GLIBC)
-#define OPTION_UCLIBC (DEFAULT_LIBC == LIBC_UCLIBC)
-#define OPTION_BIONIC (DEFAULT_LIBC == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (DEFAULT_LIBC == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) (DEFAULT_LIBC == LIBC_GLIBC)
+#define OPTION_UCLIBC_P(opts) (DEFAULT_LIBC == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) (DEFAULT_LIBC == LIBC_BIONIC)
+#undef OPTION_MUSL_P
+#define
+ OPTION_MUSL_P(opts) (DEFAULT_LIBC == LIBC_MUSL)
#else
-#define OPTION_GLIBC  (linux_libc == LIBC_GLIBC)
-#define OPTION_UCLIBC (linux_libc == LIBC_UCLIBC)
-#define OPTION_BIONIC (linux_libc == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (linux_libc == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) ((opts)->x_linux_libc == LIBC_GLIBC)
```

```
+#define OPTION_UCLIBC_P(opts) ((opts)->x_linux_libc == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) ((opts)->x_linux_libc == LIBC_BIONIC)
+#undef OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) ((opts)->x_linux_libc == LIBC_MUSL)
#endif
+#define OPTION_GLIBC  OPTION_GLIBC_P (&global_options)
+#define OPTION_UCLIBC  OPTION_UCLIBC_P (&global_options)
+#define OPTION_BIONIC  OPTION_BIONIC_P (&global_options)
+#undef OPTION_MUSL
+#define OPTION_MUSL  OPTION_MUSL_P (&global_options)

/* Determine what functions are present at the runtime;
   this includes full c99 runtime and sincos.  */
diff --git a/gcc/config/rs6000/linux64.h b/gcc/config/rs6000/linux64.h
index
 43499ed29cf..1d73a09a476 100644
--- a/gcc/config/rs6000/linux64.h
+++ b/gcc/config/rs6000/linux64.h
@@ -267,18 +267,23 @@ extern int dot_symbols;
#define OS_MISSING_POWERPC64 !TARGET_64BIT

#ifdef SINGLE_LIBC
-#define OPTION_GLIBC  (DEFAULT_LIBC == LIBC_GLIBC)
-#define OPTION_UCLIBC (DEFAULT_LIBC == LIBC_UCLIBC)
-#define OPTION_BIONIC (DEFAULT_LIBC == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (DEFAULT_LIBC == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) (DEFAULT_LIBC == LIBC_GLIBC)
+#define OPTION_UCLIBC_P(opts) (DEFAULT_LIBC == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) (DEFAULT_LIBC == LIBC_BIONIC)
+#undef OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) (DEFAULT_LIBC == LIBC_MUSL)
#else
-#define OPTION_GLIBC  (linux_libc == LIBC_GLIBC)
-#define OPTION_UCLIBC (linux_libc == LIBC_UCLIBC)
-#define OPTION_BIONIC (linux_libc == LIBC_BIONIC)
-#undef OPTION_MUSL
-#define OPTION_MUSL   (linux_libc == LIBC_MUSL)
+#define OPTION_GLIBC_P(opts) ((opts)->x_linux_libc == LIBC_GLIBC)
+#define
+ OPTION_UCLIBC_P(opts) ((opts)->x_linux_libc == LIBC_UCLIBC)
+#define OPTION_BIONIC_P(opts) ((opts)->x_linux_libc == LIBC_BIONIC)
+#undef OPTION_MUSL_P
+#define OPTION_MUSL_P(opts) ((opts)->x_linux_libc == LIBC_MUSL)
#endif
+#define OPTION_GLIBC  OPTION_GLIBC_P (&global_options)
+#define OPTION_UCLIBC  OPTION_UCLIBC_P (&global_options)
+#define OPTION_BIONIC  OPTION_BIONIC_P (&global_options)
```

+#undef OPTION_MUSL
+#define OPTION_MUSL OPTION_MUSL_P (&global_options)

/* Determine what functions are present at the runtime;
   this includes full c99 runtime and sincos. */
--
2.35.1

Found in path(s):
* /gcc-11-2-1-tar-gz/0049-properly-disable-fsplit-stack-on-non-glibc-targets-P.patch

1.356 zlib 1.2.11

1.356.1 Available under license :

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/* zlib.h -- interface of the 'zlib' general purpose compression library
 version 1.2.11, January 15th, 2017

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Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for
Comments) 1950 to 1952 in the files http://tools.ietf.org/html/rfc1950
(zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).
*/

1.357 e2fsprogs 1.45.5 2ubuntu1.1

1.357.1 Available under license :

This package was added to the e2fsprogs debian source package by
Theodore Ts'o <tytso@mit.edu> on Sat Mar 15 15:33:37 EST 2003

It is part of the main e2fsprogs distribution, which can be found at:

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

<card@masi.ibp.fr>.

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```
#
# This is a Makefile stub which handles the creation of BSD shared
# libraries.
#
# In order to use this stub, the following makefile variables must be defined.
#
# BSDLIB_VERSION = 1.0
# BSDLIB_IMAGE = libce
# BSDLIB_MYDIR = et
# BSDLIB_INSTALL_DIR = $(SHLIBDIR)
#

all:: image

real-subdirs:: Makefile
 @echo " MKDIR pic"
 @mkdir -p pic

BSD_LIB = $(BSDLIB_IMAGE).so.$(BSDLIB_VERSION)
BSDLIB_PIC_FLAG = -fpic

image:  $(BSD_LIB)

$(BSD_LIB): $(OBJS)
 (cd pic; ld -Bshareable -o $(BSD_LIB) $(LDFLAGS_SHLIB) $(OBJS))
 $(MV) pic/$(BSD_LIB) .
```

```
 $(RM) -f ../$(BSD_LIB)
 (cd ..; $(LN) $(LINK_BUILD_FLAGS) \
  `echo $(my_dir) | sed -e 's;lib/;;'`/$(BSD_LIB) $(BSD_LIB))

install-shlibs install:: $(BSD_LIB)
 @echo " INSTALL_PROGRAM $(BSDLIB_INSTALL_DIR)/$(BSD_LIB)"
 @$(INSTALL_PROGRAM) $(BSD_LIB) \
  $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)
 @-$(LDCONFIG)

install-strip: install

install-shlibs-strip:: install-shlibs

uninstall-shlibs uninstall::
 $(RM) -f $(DESTDIR)$(BSDLIB_INSTALL_DIR)/$(BSD_LIB)

clean::
 $(RM)
 -rf pic
 $(RM) -f $(BSD_LIB)
 $(RM) -f ../$(BSD_LIB)
```

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Index: tdbsa/tdb.c
===
--- tdbsa.orig/tdb.c
+++ tdbsa/tdb.c
@@ -4,11 +4,11 @@ Rev: 23371
Last Changed Date: 2007-06-06 20:14:06 -0400 (Wed, 06 Jun 2007)
*/
/*
- Unix SMB/CIFS implementation.
+ trivial database library - standalone version

- trivial database library - private includes
-
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Gadi Oxman, August 1995

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Theodore Ts'o
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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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DRuntime: Runtime Library for the D Programming Language
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* DNS resolver (dirmngr/dns.c)

dns.c - Recursive, Reentrant DNS Resolver.

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1.361 gnutls 3.6.13-2ubuntu1.7

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##
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##
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1.362 bzip2 1.0.8-r2

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1.363 zlib 1.2.12-r3

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1.364 json-java 20210307

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1.365 tzdata 2022c-r0

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1.366 procps 3.3.17-r1

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1.367 libproc 3.3.17-r1

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1.368 htop 3.2.0-r1

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1.369 base-files 11ubuntu5.6

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Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

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(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires
that any
application-supplied function or table used by this function must

be optional: if the application does not supply it, the square
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If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

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

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6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

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

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If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
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5. A program that contains no derivative of any portion of the
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linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

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

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The

threshold for this to be true is not precisely defined by law.

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

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

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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a) Accompany the work with the complete corresponding machine-readable
source code for the Library including whatever
changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if

the user
installs one, as long as the modified version is
interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy
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e) Verify that the user has already received a copy of these
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1.371 html5lib 1.1

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1.372 colorama 0.4.4

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1.375 tenacity 8.0.1

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1.376 pep517 0.12.0

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1.377 idna 14.0.0

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1.378 python-setuptools 58.1.0

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1.379 libcrypt 4.4.10-10ubuntu4

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1.388 pep517 0.8.2

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1.391 html5lib 1.0.1

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1.393 distro 1.7.0

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1.395 curl 7.68.0-1ubuntu2.13

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==============

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problems to some. This document attempts to describe what licenses libcurl and
the other libraries use and what possible dilemmas linking and mixing them all
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particular problem
 was addressed when the [Modified BSD
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c-ares

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zlib

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1.397 alpine-baselayout 3.2.0-r23

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/alpine-baselayout-3-2-0-r23-tgz/z: binary file matches

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*
* usage: mkmntdirs [fstab]
*
*/

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1.398 alpine-baselayout-data 3.2.0-r23

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*/

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1.399 cglib 3.3.0

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1.400 bzip2 1.0.8 2

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This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

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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
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5. A program that contains no derivative of any portion of the
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However, linking a "work that uses the Library" with the Library
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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

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a) Accompany
the work with the complete corresponding
machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a

copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate
properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

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1.403 sqlite 3.31.1-4ubuntu0.4

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1.404 jackson-dataformat-csv 2.13.4

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1.405 pcre 10.34-7ubuntu0.1

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1.406 tomcat-coyote 9.0.64

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1.408 systemd 245.4-4ubuntu3.18

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1.409 systemd 245.4-4ubuntu3.18

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1.410 pcre 8.39-12ubuntu0.1

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****

---
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1.420 hibernate 5.6.9.Final

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*/
package org.hibernate.graph.internal.parse;
}

/**
* Antlr grammar describing the Hibernate EntityGraph Language.
*/
class GeneratedGraphParser extends Parser;

options {
   // call the vocabulary (H)ibernate (E)ntity(G)raph (L)anguage
 exportVocab=HEGL;

   k = 2;

// buildAST = true;
 buildAST = false;
}


{
 // ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
 // semantic actions/callouts

 protected void startAttribute(Token attributeName) {
 }

 protected void startQualifiedAttribute(Token attributeName, Token qualifier) {
 }

 protected void finishAttribute() {
 }

 protected void startSubGraph(Token subType) {
 }
```

```
 protected void finishSubGraph()
 {
 }
}


graph
 : attributeNode (COMMA attributeNode)*
 ;

attributeNode
 : attributePath (subGraph)? { finishAttribute(); }
 ;

attributePath
 : path:NAME (DOT qualifier:NAME)? {
  if ( qualifier == null ) {
   startAttribute( path );
  }
  else {
   startQualifiedAttribute( path, qualifier );
  }
 }
 ;

subGraph
 : LPAREN (subtype:NAME COLON)? { startSubGraph( subtype ); } attributeNode (COMMA attributeNode )*
RPAREN {
  finishSubGraph();
 }
 ;



// **** LEXER ************************************************************************

/**
* Lexer for the Hibernate EntityGraph Language grammar
*/
class GraphLexer extends Lexer;

options {
   // call the vocabulary (H)ibernate (E)ntity(G)raph (L)anguage
 exportVocab=HEGL;

   k = 2;
```

```
  // Allow any char but \uffff (16 bit -1, ANTLR's EOF character)
  charVocabulary = '\u0000'..'\ufffe';

 caseSensitive = false;
 testLiterals = false;
}

COLON: ':';

COMMA: ',';

DOT: '.';

LPAREN: '(';

RPAREN: ')';

WHITESPACE
 :  (   ' '
  |
   '\t'
  |   '\r' '\n' { newline(); }
  |   '\n'      { newline(); }
  |   '\r'      { newline(); }
  )
  {$setType(Token.SKIP);} //ignore this token
 ;


/**
* In this grammar, basically any string since we (atm) have no keywords
*/
NAME
 : NAME_START ( NAME_CONTINUATION )*
 ;

protected
NAME_START
  :    '_'
  |    '$'
  |    'a'..'z'
  // HHH-558 : Allow unicode chars in identifiers
  //|    '\u0080'..'\ufffe'
  ;

protected
NAME_CONTINUATION
  :    NAME_START
```

```
  |   '0'..'9'
  ;
```

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*/
/**
 * Used to pass along the CDI BeanManager, if any, to be used.
 *
 * According to JPA, strictly, the BeanManager should be passed in
 * at boot-time and be ready for use at that time.  However not all
 * environments can do this (WildFly e.g.).  To accommodate such
 * environments, Hibernate provides 2 options:
 *
 *     * a proprietary CDI extension SPI (that we have proposed to
 *      the CDI spec group as a standard option) that can be used
 *      to provide delayed BeanManager access.  To use this solution,
 *      the reference passed as the BeanManager during bootstrap
 *      should be typed as {@link ExtendedBeanManager}
 *     * delayed access to the BeanManager
reference.  Here, Hibernate
 *      will not access the reference passed as the BeanManager during
 *      bootstrap until it is first needed.  Note however that this has
 *      the effect of delaying any deployment problems until after
 *      bootstrapping.
 *
 * This setting is used to configure Hibernate ORM's access to
 * the BeanManager (either directly or via {@link ExtendedBeanManager}).
 */
```

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-->
```

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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hibernate-configuration-4.0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/antlr/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/pretty/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/package.html
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/access/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/package.html
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/orm_2_0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/orm_1_0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metadata/package.html
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/xsd/mapping/legacy-mapping-4.0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/package.html

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/persistence_2_0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/package.html
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/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/xsd/cfg/legacy-configuration-4.0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/classic/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/package.html
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/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/persistence_2_1.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hibernate-mapping-4.0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/hql/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/package.html
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/persistence_1_0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/package.html

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/orm_2_1.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/package.html
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/package.html
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SharedSessionBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/EntityState.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/JdbcServices.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/OrderedSetType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/SimpleCaseExpression.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/Oracle12cGetGeneratedKeysDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/ResinJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/spi/DuplicationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/ScalarCollectionCriteriaInfoProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/TransientObjectException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/JDataStoreDialect.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/JdbcCoordinatorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/EntityQuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/loader/plan/build/spi/TreePrinterHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/SQLLoadable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/IsEmptyPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/InnoDBStorageEngine.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/BatchFetchQueueHelper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/IdGeneratorInterpreterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/AfterCompletionActionLegacyJpaImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/SchemaAware.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/AbstractBatchingEntityLoaderBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CascadingActions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/DistinctRootEntityResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/OptimisticLockStyleConverter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSourceIdBagImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/spi/BatchKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL10Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitAnyDiscriminatorColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/PessimisticWriteSelectLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/CollectionIndexDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeIndexNature.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/DynamicParameterizedType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/pojo/ProxyFactoryHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityVerifyVersionProcess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/AnsiSqlKeywords.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/MaterializedNClobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CacheInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Proxy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Hibernate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/FromPathExpressionParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/SubEntityInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/AbstractEntityPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/ModelBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/IntegerType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/ResultSetMappingBinder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SessionImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/CacheException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SubclassEntitySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/plan/CollectionLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/config/ConfigurationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/PostDeleteEventListenerStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/ClearEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/RootEntitySourceImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ColumnTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/EnhancedProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/cte/CteValuesListDeleteHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/EntityUniqueKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/TwoPhaseLoad.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/ExtractionContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/internal/PersisterClassResolverInitiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/cte/AbstractCteValuesListBulkIdHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/unique/DefaultUniqueDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSequentialIndexSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/Tuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/IdGeneratorStrategyInterpreter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/IntegrationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/Metadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/GenerationTime.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/FromClause.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/AbstractTupleElement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/JoinedSubclassFkSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/NaturalIdUniqueKeyBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/cursor/spi/RefCursorSupport.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/spi/ResultContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptSourceInputFromUrl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/ParameterTranslations.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/AbstractDelegatingSessionFactoryOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/MathHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/IdentifierAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/package-info.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/internal/ResultSetOutputImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/SqlASTFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/NamedQueryLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DataDirectOracle9Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/spi/AbstractMultiTenantConnectionProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/Factory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/EnhancerImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/AbstractLoadPlanBuildingAssociationVisitationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/spi/Batch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/AbstractDelegatingMetadataBuilderImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/NamedParameterDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/NotYetImplementedException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/FromElementFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/RecoverableException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/ProcedureCallMemento.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQueryCollectionReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SizeSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Tuplizers.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/XmlMappingBinderAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/IndexMetadata.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EmbeddedAttributeMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/bytecode/internal/bytebuddy/ReflectionOptimizerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/PropertyPath.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitNamingStrategyJpaCompliantImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyResolverStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/AttributeConverterDefinitionCollector.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/AbstractScriptSourceInput.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/internal/SynchronizationRegistryStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/ExplicitParameterSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentSortedSet.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/SchemaToolingLogging.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/MapJoinImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQL55Dialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/ScalarReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jmx/internal/JmxServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/spi/LogicalConnectionImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/spi/StrategyCreator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jdbc/spi/JdbcResourceTransactionAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/NamedQueryDefinitionBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/ExistsSubqueryExpression.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ParameterContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/ValueHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/SynchronizationRegistryAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/CallbackRegistryImplementor.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/NotExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/JdbcObserverImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/NativeQueryReturnBuilderFetchImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/OnReplicateVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostInsertEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/FormatStyle.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/spi/CurrentTenantIdentifierResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/SQLFunctionRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/CollectionStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ExceptionConverter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ejb/HibernateEntityManagerFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/AbstractSelectLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SybaseDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Persister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/QueryParameterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/SchemaDropperImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/OneToOneType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/BasicExtractor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/Loggable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/BooleanTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeElementSourceBasic.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/jaxb/hbm/spi/SingularAttributeInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/IdentitySet.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/BasicAttributeColumnsAndFormulasSource.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/EntityNamingSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/RootReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/StatisticsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/DefaultEntityAliases.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/JtaIsolationDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/RelationalModel.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeMapKeyManyToManySourceImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/CreateKeySecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Table.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ClassPropertyHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/ProcedureOutputsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/CascadeStyleSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/BasicCollectionLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/NClobTypeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/CacheKeysFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/AssociationKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SchemaValidatorTask.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/ConnectionObserverAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SingularIdentifierAttributeSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jdbc/internal/DdlTransactionIsolatorNonJtaImpl.java

*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/CacheRegionStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ToOneFkSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/EntityStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/EntityNameResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/NativeQueryReturnBuilderRootImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/StreamDecorator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/StandardSequenceExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/SecondaryTableSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/SessionEventListenerManagerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/JDBCConnectionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/CriteriaQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/FkSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Nationalized.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SortComparator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/BindingTypeHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/NamedParameterInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/ExtractionTool.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/DerivedValueSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/OrderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingEntityIdentifierDescription.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/cte/CteValuesListBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/StandardServiceInitiators.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/IdentifierSourceAggregatedComposite.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/UpdateStatement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/PostUpdateEventListenerStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/spi/ConversionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/OperatorNode.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/CompositeNestedGeneratedValueGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/BasicCollectionLoadQueryDetails.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/PathImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/LegacyLimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/MapType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/cfgxml/internal/JaxbCfgProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/EmptyScrollableResults.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/internal/FetchStrategyHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Sort.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/GroupsPerOperation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/LobCreationContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeMapKeySourceEmbeddedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/OuterJoinLoadable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SelectExpressionList.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaManagementToolCoordinator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/hql/internal/ast/tree/BetweenOperatorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/PessimisticWriteUpdateLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/FilterDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/VarcharTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/NamedParameterInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/ToOne.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/CacheHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/JpaCompliance.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/ResultSetMappingDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/ProcedureCallImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/SequenceMismatchStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/MappingDocument.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/QueryParameterBinding.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/PropertyInferredData.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/InjectService.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/VersionValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/ForeignKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/spi/PersistentCollection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/EvictVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/LockOptionsHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/ConnectionObserver.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/spi/JaccPermissionDeclarations.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CharArrayType.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/VersionAttributeSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/ServiceRegistryAwareService.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/UnionSubclass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/FetchGraphLoadPlanBuildingStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/StandardJtaPlatformResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/FieldAccessEnhancer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EventEngineContributions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/OracleJoinFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/Oracle12cIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/spi/EventListenerRegistrationException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/Namespace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/OrderByTranslation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/HibernateError.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/spi/TemplatedViolatedConstraintNameExtracter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSourceBagImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/Mapping.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/spi/SynchronizationRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/ColumnInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/BasicQueryContract.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/hql/spi/id/TableBasedUpdateHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/ClassDescriptorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/InFlightMetadataCollector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/ProxyVisitor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/QueryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/PropertySubqueryExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/beans/BeanInfoHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/Sized.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/MultiTenancySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/NameQualifierSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/BinaryTypeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/CollectionReferenceAliasesImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/ProxyFactoryFactoryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/HbmMetadataSourceProcessorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/MapBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SqlFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/MapEntryExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/AttributeFetch.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/PessimisticEntityLockException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ConnectionAcquisitionMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Filter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeElementSourceAssociation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/DeleteEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/loader/plan/build/spi/QuerySpaceTreePrinter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SQLUpdate.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/internal/OutputsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/SessionFactoryServiceRegistryFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/EmptyInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/procedure/ProcedureParameterBinding.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/DefaultSchemaFilterProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/compile/ImplicitParameterBinding.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/FormulaImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/MapEntryNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/TrimFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/NVarcharTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/converter/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/spi/PersisterCreationContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/FieldReaderAppender.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/Node.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ImportScriptException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/hint/IndexQueryHintHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/DataException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/LockingStrategyException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/Output.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/OuterJoinLoader.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQueryConstructorReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/CockroachDB1920IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/MetamodelDrivenLoadPlanBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/NoCacheRegionFactoryAvailableException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaFilter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/ContextProvidingValidationEventHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/FlushModeType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/Return.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/BlobImplementer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/AggregateProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/UnsavedValueStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/UnsupportedOrmXsdVersionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/FilterHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/NoArgSQLFunction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/LoadPlanBuildingAssociationVisitationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/TupleElementImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jndi/internal/JndiServiceInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/AbstractJoinImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/DateTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/insert/IdentifierGeneratingInsert.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeSourceArray.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/spi/MetadataBuildingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/LocalSchema.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/PrimitiveCharacterArrayNClobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jdbc/spi/JdbcResourceTransaction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Subqueries.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/ReturnMetadata.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/HibernateMethodLookupDispatcher.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/PkDrivenByDefaultMapsIdSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/spi/BasicSQLExceptionConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/StoredProcedureQueryParameterRegistration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Database.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/InvalidPathException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/IdBagBinder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/Return.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/AggregationFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/DecodeCaseFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/AbstractDelegatingSessionFactoryBuilderImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ArrayType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/AbstractSimplePredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/ParameterBindImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/QueryTranslatorFactoryInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/Helper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CollectionFetchableElement.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/BasicProxyFactoryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/EntityHierarchyBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/IdentifierGenerationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/SyntheticProperty.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/spi/TransactionImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/CreationTimestampGeneration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/IlikeExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SessionFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/SelectLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/spi/ParameterRegistrationImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/CamelCaseToUnderscoresNamingStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/spi/PersisterFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/SetterFieldImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitNamingStrategyComponentPathImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/Ejb3JoinColumn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/EntityCopyNotAllowedObserver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/InExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQueryRootReturn.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/EntityReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/ParameterizedFunctionExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ByteType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/FetchCharacteristicsPluralAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/engine/jdbc/dialect/spi/DialectResolutionInfoSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/AbstractPersistentCollection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/CastFunctionNode.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/MutableEntityEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/CountProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeMapKeyManyToAnySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/ClassLoaderAccessLazyImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostInsertEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/TimeZoneTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/ArchiveEntry.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Comment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/PluralAttributeInfoPrimitiveArrayAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/OrderByParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/FlushModeTypeHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ArrayMutabilityPlan.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/ColumnsAndFormulasSourceContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/RegionFactoryInitiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyIndexBackRefImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/ComponentMetamodel.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CharacterArrayClobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SubselectFetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/spi/AbstractCurrentSessionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/MultiTableDeleteExecutor.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/QuerySplitter.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/query/internal/SelectStatementBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/IdentNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/DetachedCriteria.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreDeleteEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NotFoundAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/ASTPrinter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/StatementPreparer.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/ComponentCollectionCriteriaInfoProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/tracker/DirtyTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/PropertiesSubqueryExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/PropertyAccessStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Cache.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/JarFileEntryUrlAdjuster.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/package-info.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/StandardIndexExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/UnaryOperatorExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/InvalidMappingException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeElementSourceManyToManyImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Collection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitIndexNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeSource.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/Wrapped.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/PostgreSQL81IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/insert/AbstractSelectingDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/EntityReferenceAliasesImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/none/NoProxyFactoryFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/global/GlobalTemporaryTableBulkIdStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Filter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Cache71Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/Stoppable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/NamedQueryBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/IdentifierGeneratorAggregator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/CurrencyTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/CharacterArrayTypeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EventEngineContributor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/DotNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/RowSelection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/NamedSQLQueryDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/StaticPrecisionFspTimestampFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/NoJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Map.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/internal/JPAXMLOverriddenAnnotationReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/CacheAccessTypeConverter.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/StatelessSessionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/pojo/bytebuddy/ByteBuddyProxyHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/DdlTransactionIsolator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/DetailedSemanticException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/internal/JPAXMLOverriddenMetadataProvider.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsSubSelectValuesListUpdateHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/Getter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/JarInputStreamBasedArchiveDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/NativeSQLQueryPlan.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SourceType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CollectionEntry.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityInsertAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/SessionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/NullExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/UnsupportedOrmXsdVersionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CharacterNCharType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ConnectionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/TimesTenDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/AbstractUUIDGenerator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/profile/Fetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/ReturningWork.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/JpaOrmXmlEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/model/source/spi/JavaTypeDescriptorResolvable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/EmbeddableSourceVirtualImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/AbstractLimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/BinderHelper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/AnnotationValueGeneration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/CollectionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/DatabaseIdentifier.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EmbeddableMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/NamedQueryDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingCollectionQuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SessionFactoryObserver.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/AttributeMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/BagBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/QueryParameterBindingImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaValidator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ManagedProviderConnectionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/sql/SQLQueryReturnProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/MetaAttribute.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/PrimaryKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/UnknownSqlResultSetMappingException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/SynchronizationCallbackCoordinatorTrackingImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/LocalDateTimeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/event/spi/PreCollectionRemoveEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/internal/Helper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/Formatter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/CriteriaJoinWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/AbstractParameterInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/HibernateEntityManager.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/spi/JtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/IdentifierLoadAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/EntityJoinFromElement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ExecutableList.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/insert/InsertSelectIdentityInsert.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/QualifiedObjectNameFormatter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/SequenceInformationExtractor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreInsertEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Loader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SybaseASE157Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/StaleStateException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/MetadataBuilderFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/CollectionTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/AbstractInformationExtractorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/SynchronizationCallbackCoordinatorNonTrackingImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ProcedureParameterExtractionAware.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/hql/internal/ast/tree/FromElementType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/TenantIdentifierMismatchException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/FetchProfile.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/LazyFetchGroupMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/internal/SQLExceptionTypeDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/IdentifierGeneratorDefinitionBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/CollectionSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/NonScalarResultColumnProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/AbstractMultiTableBulkIdStrategyImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/TemporalTypeMarshalling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/LocaleTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/SharedBatchBuildingCode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Array.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/config/internal/ConfigurationServiceInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/TypeDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/FetchCharacteristicsPluralAttributeImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SQLInsert.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/UnaryLogicOperatorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/HibernateIterator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/ArchiveContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/HibernateTypeSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/ClassFileArchiveEntryHandler.java

*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/ListAttributeJoin.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AttributeSourceContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/SimpleExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/internal/PostCommitEventListenerGroupImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/BatchingCollectionInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/MappingException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/IsNotNullLogicOperatorNode.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EntityNamingSourceContributor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/NaturalIdStatisticsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DB297Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/spi/jpa/ExtendedBeanManager.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/ResultSetMappingBindingDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/SqlStatementLogger.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/OneToManyLoadQueryDetails.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/Sortable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/NullSynchronizationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/GenerationTargetToStdout.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/CollectionPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/UnmodifiableBatchBuilderImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/SearchedCaseExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/RootEntityResultTransformer.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ByteArrayTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/LoadPlanBuildingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/FilterDefinitionBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/CUBRIDDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/AbstractEntityLoader.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/NoCachingRegionFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SubclassEntitySourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/UrlTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/AbstractReassociateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/ScanResult.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/global/IdTableInfoImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/CUBRIDIdentityColumnSupport.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQL57Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/CustomLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsSubSelectValuesListDeleteHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/internal/StandardJpaScanEnvironmentImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/ColumnCollectionAliases.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/AbstractPathImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/CollectionCacheInvalidator.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/procedure/internal/ProcedureParameterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/NamedAuxiliaryDatabaseObject.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AbstractEntityReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/FetchNotFoundException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/BuiltInPropertyAccessStrategies.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/DuplicationStrategyImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/OracleTypesHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Ingres10Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/internal/LogicalConnectionProvidedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentSortedMap.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/DiscriminatorSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/TeradataDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/NameSpaceTablesInformation.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/SynchronizationCallbackTarget.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/NClobImplementer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/BasicBatchKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/Action.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/annotations/AnnotationMetadataSourceProcessorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/BaseXMLEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitMapKeyColumnNameSource.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/spi/TransactionObserver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityIdentityInsertAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/spi/CallableStatementSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/CompositeIdentifierSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/OneToOne.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/WrappedBlob.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/EntityFetch.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/QueryStructure.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/FlushEntityEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/OrphanRemovalAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/DoubleTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/PropertyValueException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/NTextType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ColumnMetadata.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/CollectionAliases.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/JpaTargetAndSourceDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AnyKeySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PersistEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/EmbeddedComponentType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/ByteBuddyEnhancementContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/VerifyFetchProfileReferenceSecondPass.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/DB2IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SuppliedConnectionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/ExtractedDatabaseMetaData.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Type.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/DeleteEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/tracker/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/HCANNHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/jpa/internal/package-info.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/ClassLoaderAccessDelegateImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ForeignKeyMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/spi/JdbcObserver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/DynamicBatchingCollectionInitializerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/DeleteStatement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreLoadEventListener.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/ResultSetIdentifierConsumer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyMapImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitTenantIdColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/ServiceProxyGenerationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/ConstraintModeMarshalling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/ResultSetReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/PrimitiveType.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/EmbeddableSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/spi/TypeBootstrapContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/InsertSelect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/SelectionImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/CommaSeparatedStringHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/WrappedInferredData.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/BasicFormatterImpl.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/AbstractDelegatingMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/HSQLCaseFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CompositeAttributeFetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/PluralAttributeJoinSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/BatchingEntityLoaderBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/MapKeyHelpers.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/unique/MySQLUniqueDelegate.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/ExceptionHandlerHaltImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/QueryTranslatorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQLMyISAMDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/IdentifierSourceSimple.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NamedQueries.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/spi/DialectFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EntityCopyObserverFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/IndexNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/internal/XMLContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ReturnGraphTreePrinter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/ArrayHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MariaDBDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/log/DeprecationLogger.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/CharacterStreamImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/EntityBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/model/source/spi/PluralAttributeElementSourceManyToAny.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/SQLServerIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/Enhancer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/GenericJDBCException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/QueryProducerImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/ExceptionHandler.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/ClassTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/cfgxml/spi/LoadedConfig.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/AbstractInlineIdsDeleteHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/MappingFileDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/FilteringXMLEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Backref.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/StrategyRegistration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/AuxiliaryDatabaseObject.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/WrongClassException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/SubqueryExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/PropertyGeneration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/ImmutableEntityUpdateQueryHandlingMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/SaveOrUpdateEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/IdentifierSourceSimpleImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/JoinHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/ForeignKeyContributingSource.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SQLServer2012Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/AttributesContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/WildFlyStandAloneJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/JdbcServicesInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ScriptExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/internal/BootstrapServiceRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/DurationType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/NonClassFileArchiveEntryHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/internal/ManagedSessionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/AliasToBeanConstructorResultTransformer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/plan/AbstractBatchingCollectionInitializerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/spi/TypeContributorList.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/ScalarReturnImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/CacheEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/UnmodifiableBatchBuilderInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/VmValueGeneration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/TypeNullability.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/Loader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/Outputs.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorHANADatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/BytecodeEnhancementMetadataPojoImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/persistent/DeleteHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/bytecode/enhance/internal/bytebuddy/BiDirectionalAssociationHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/AbstractFlushingEventListener.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/AbstractBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SQLDeleteAll.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/UnresolvedEntityInsertActions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ejb/HibernateQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/QueryStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/InformationExtractorJdbcDatabaseMetaDataImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/AnsiTrimFunction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/UnknownProfileException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/QueryParameter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/BooleanAssertionPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/QualifiedName.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/XmlElementMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/internal/StandardServiceRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/LockTimeoutException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AbstractNullnessCheckNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/ParameterRegistration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/CompositionBasedCompositionAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/SubqueryComparisonModifierExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/ParameterRecognitionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/ClobImplementer.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/HqlSqlWalkerNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/ExplicitTruthValueCheck.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/TypeDef.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/BasicAttributePropertySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/WorkExecutorVisitable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/EntityBasedBasicAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/DB2SubstringFunction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/AbstractTableBasedBulkIdHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SchemaUpdateCommand.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/ArrayBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/StringRepresentableType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/AvgProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/SybaseAnywhereIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/spi/ConnectionProvider.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/CommonQueryContract.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CustomCollectionType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/BaselineAttributeInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/CalendarDateTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/ProxyFactoryFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionFetchableIndexCompositeGraph.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/BatchingCollectionInitializerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/query/criteria/internal/expression/function/CurrentDateFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DerbyTenFiveDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/LobCreator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/PathNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL81Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/Renderable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/IdentityColumnSupportImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/GenerationTimingConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/internal/EventListenerGroupImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Filterable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/BatchFetchQueue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/FrontBaseDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/FromParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/AbstractInlineIdsBulkIdHandler.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreCollectionRecreateEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/integrator/internal/IntegratorServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/MetadataSourceProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultLockEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/TypeDefinitionBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AbstractStatement.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/PrimitiveArrayBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Source.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultUpdateEventListener.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AggregateNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessEmbeddedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SessionFactoryAwareNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/FetchCharacteristicsSingularAssociationImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/LongVarcharTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL95Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/BatchingBatch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/QualifiedSequenceName.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/SchemaNameResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/AbstractIdsBulkIdHandler.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/FlushEntityEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/PrimitiveCharacterArrayClobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/InstantType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/UniqueConstraintHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/OffsetDateTimeJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/BasicExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/ScrollableResultsImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/AbstractPropertyHolder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/OptimisticEntityLockException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/EnhancementHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/persister/entity/PropertyMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/factory/spi/MutableIdentifierGeneratorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/cursor/internal/StandardRefCursorSupport.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AbstractSelectExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/NaturalIdStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/spi/JtaPlatformException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/DDLFormatterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/log/UnsupportedLogger.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/internal/QualifiedObjectNameFormatterStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/SecondPass.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingQuerySpaces.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/spi/AttributeNodeImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/BooleanLiteralNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/VarbinaryTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/BufferedXMLEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/map/MapProxy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/ParameterContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/IdentifierType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/GetterMethodImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/StandardEntityNotFoundDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/JoinColumnOrFormula.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/AbstractEvent.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/MultiTenantConnectionProviderInitiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/AliasedTupleSubsetResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/CacheKeyImplementation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ZonedDateTimeJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EntityHierarchySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorMariaDBDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/Query.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/JavaTypeDescriptorRegistry.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/converter/AttributeConverterMutabilityPlanImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/parse/GraphLexer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/ExecutionOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitBasicColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/TupleSubsetResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/NationalizedTypeMappings.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ObjectNameNormalizer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/Update.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/ClassLoaderAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/IdsClauseBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/hql/QueryLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyResolverInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/CompoundSelectionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ProcedureParameterNamedBinder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Columns.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/BorlandEnterpriseServerJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/EncapsulatedEntityIdentifierDescription.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SchemaUpdateTask.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/StaticFilterAliasGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceNameExtractorImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/FetchableAttributeSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/BatchBuilderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/CollectionAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AbstractMapComponentNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/SimpleValueBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/MethodNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ForeignKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQuerySpecification.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/DiscriminatorMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeMapKeyManyToManySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/TruthValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/cfgxml/internal/CfgXmlAccessServiceInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PropertySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CalendarDateType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/SingleTableSubclass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/JpaOrmXmlPersistenceUnitDefaultAware.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/BinaryArithmeticOperation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/model/relational/Database.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/BigDecimalTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/BlobProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/ErrorLogger.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/AbstractHANADialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ImageType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/NaturalIdLoadAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/EntityBasedAssociationAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/AnyMetaDef.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/DynamicInsert.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/Parser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/TransactionCoordinatorBuilder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/SequenceInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/ExpressionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/CriteriaSubqueryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CollectionAttributeFetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/internal/ResourceRegistryStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/MySQLIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/FilterQueryPlan.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CascadeStyles.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/OneToManyJoinWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/SimpleEntityIdentifierDescriptionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/Orderable.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/QuerySpaces.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/LoadPlanImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/spi/ClassLoaderService.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/LocalDateTimeJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/ExceptionHandlerCollectingImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/IntegralDataTypeHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreDeleteEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/CollectionFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/spi/StatisticsFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/EnumType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/FilteringXMLEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/CacheMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/NonBatchingBatch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/SubstringFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SecondaryTableSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/internal/MetamodelImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/HANACloudColumnStoreDialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/UnknownEntityTypeException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/OnDelete.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/IdentifierGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/EncapsulatedEntityIdentifierDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/SaveOrUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitAnyKeyColumnNameSource.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SimpleNaturalIdLoadAccess.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/AbstractSessionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/ConfigHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingQuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/procedure/spi/ProcedureParameterBindingImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/ConnectionCreator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/internal/NullSynchronizationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/JDataStoreIdentityColumnSupport.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/ASTReferencedTablesPrinter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/cursor/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/TableGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/EntityLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SuppliedConnectionProviderConnectionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/spi/BatchBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/NonUniqueObjectException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/AbstractSharedSessionContract.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/internal/CollectionReturnReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/ResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/AdditionalJaxbMappingProducer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultDeleteEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/QueryHintDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Subselect.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/ToolingHintContextContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/GUIDGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/DriverManagerConnectionProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/EntityEntryExtraState.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SessionFactoryDelegatingImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metadata/CollectionMetadata.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/LengthFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeElementSourceManyToMany.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/tracker/CompositeOwnerTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/OptimisticLockType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ObjectNotFoundException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/Managed.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SelectBeforeUpdate.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ValueInclusion.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/InsertExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Check.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/JdbcExceptionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/FetchingScrollableResultsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/LikePredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/ResolveNaturalIdEvent.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/CollectionFilterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/sql/ordering/antlr/SqlValueReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/SerializableTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Filters.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/CalendarTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/DiscriminatorTypeMarshalling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Table.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/persistent/UpdateHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/DelegatedExpressionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultMergeEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/TypeDef.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SpecialOneToOneType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/PropertyAccessStrategyResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Formula.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/AssociationKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/UUIDCharType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/FloatTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ImmutableMutabilityPlan.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeMapKeySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/RowVersionTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/Size.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/NotEmptyExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/pretty/MessageHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/CompositionDefinition.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/SequenceStyleGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/VersionType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentBag.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/spi/ManagedBean.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/MetadataImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/QueryTranslatorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/AliasResolutionContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/JoinedIterable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/IncomparableComparator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/QueryHints.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/JoinDefinedByMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ValueGenerationType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DB2390Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/PersistentAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/SelectExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MyISAMStorageEngine.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/EntityTuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/OrdinalParameterDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Polymorphism.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/CollectionRemoveAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/TruthValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/AttributeSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/engine/spi/SessionLazyDelegator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/SunOneJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/LocalTimeJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/MetadataSources.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CompositeCustomType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/WebSphereLibertyJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ClobTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/cfgxml/spi/MappingReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostLoadEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/MapsIdSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/WrappedClob.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/DefaultSessionFactoryBuilderService.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/DisplayableNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/PathHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/Target.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/internal/SQLStateConversionDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/MultiLoadOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/GeneratedCollectionAliases.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/DatabaseStructure.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/HibernateException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/UnaryOperatorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/spi/package-info.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/internal/EntityIdentifierDefinitionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/ast/SqlScriptLogging.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Subclass.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/FetchStats.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/ToListResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SerializableType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/WrapperOptionsContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/NegatedPredicateWrapper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/Collections.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/QualifiedTableName.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/UniqueEntityLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/ValueGeneration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/GroupByParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/SynchronizationRegistryBasedSynchronizationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Oracle8iDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ScrollMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/JdbcTypeNameMapper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/StructuredCollectionCacheEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/AbstractManipulationCriteriaQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MimerSQLDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/stat/SessionStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/RDMSOS2200Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/StandardScanParameters.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/EntityLoadQueryDetails.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingCompositeQuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/SingularAttributeJoin.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/ConfigurationHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/TimestampTypeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/ProcedureCallMementoImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/PessimisticNumberParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/LocalMetadataBuildingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/spi/EventListenerRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/Join.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ShortType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/DefaultCacheKeysFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/ColumnBindingDefaults.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CascadeStyle.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/JoinedSubclassEntitySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JBossAppServerJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Fetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/AbstractParameterDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/LegacyHiLoAlgorithmOptimizer.java

*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/AvgWithArgumentCastFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultRefreshEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/JoinedIterator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Fetchable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/EntityManagerMessageLogger.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/ScalarReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeSourceBasic.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/BetweenExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/CollectionType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CachedNaturalIdValueSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/HibernateTraversableResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/AnsiTrimEmulationFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/SingleTableEntityPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/spi/JtaPlatformProvider.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NotFound.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SynchronizeableQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/UpdateTimestamp.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/AbstractHbmSourceNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/ColumnNameCache.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ConditionFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/ValueGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSourceSetImpl.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/unique/InformixUniqueDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/ResultColumnProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/ParseErrorHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/IdentifierProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/FilterJoinTable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CompositeAttributeFetchImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/UpperFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/RelationalObjectBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CalendarTimeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultSaveOrUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/EnhancedUserType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CascadingAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jmx/internal/DisabledJmxServiceImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/SchemaNameResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/query/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/NodeSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/UserType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/InFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/NativeQueryImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/StandardProperty.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/PropertyExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/internal/TypeLocatorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/compare/CalendarComparator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/OrionJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/JoinImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ejb/AvailableSettings.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/MaterializedClobType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/LogicalExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/ResultsetMappingSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/PositionalParameterInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/IdentifierEqExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CompositeTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/EntityIdentifierDescription.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/FileExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SchemaUpdate.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SqlFragmentAlias.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeElementSourceOneToMany.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/OptimisticForceIncrementLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JRun4JtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/converter/AttributeConverterSqlTypeDescriptorAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/AbstractEntityBasedAttribute.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/DurationJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/internal/StrategySelectorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/compile/InterpretedParameterMetadata.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SybaseASE15Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SelectClause.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Generated.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/CollectionAttributeJoin.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/MapValueNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsInClauseBulkIdStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorInformixDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/InPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/process/spi/MetadataBuildingProcess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/BatchFetchStyle.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/plan/AbstractLoadPlanBasedCollectionInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/ToolingHint.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/OnDeleteAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/spi/CollectionReferenceAliases.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/IdGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/unique/UniqueDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/FastSessionServices.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultResolveNaturalIdEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/PessimisticReadSelectLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AggregatedSelectExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/tuple/component/CompositeBasedAssociationAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jndi/internal/JndiServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/BasicConnectionCreator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/LoadPlan.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/Startable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/IndividuallySchemaValidatorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metadata/ClassMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/BatchBuilderMXBean.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SessionEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/OneToManyLoader.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/TransactionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/ResolveNaturalIdEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SimpleCaseNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ManagedMappedSuperclass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/AbstractSaveEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/MetadataImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/LockEventListener.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/ConfigParameterHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/ResourceRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/LongType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/pojo/bytebuddy/ByteBuddyProxyFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/MappingBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/Helper.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/InsertStatement.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreCollectionRecreateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultFlushEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/FetchReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/JoinColumnsOrFormulas.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/InDatabaseValueGenerationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/log/UrlMessageBundle.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/UnsavedValueFactory.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/tracker/SimpleCollectionTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/SapNetWeaverJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Example.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/spi/LoadQueryDetails.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/UserSuppliedConnectionProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/LocalSchemaLocator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/FetchMode.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/StandardBasicTypes.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/CurrentTimestampFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/Exporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/DefaultNamingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/StandardScanner.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/insert/InsertGeneratedIdentifierDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/MappingDefaults.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CompositeOwner.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SetType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/NonUniqueResultException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SingularAttributeSourceBasicImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/RelationalValueSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/Origin.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/AbstractFromImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/TableSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/CriteriaInfoProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCommitDeleteEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/cte/CteValuesListUpdateHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/DecimalTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/loading/internal/CollectionLoadContext.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ScrollableResults.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/ArchiveException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeElementSourceEmbedded.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/SqrtFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/AbstractEntityJoinWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/SessionFactoryBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/Loadable.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/CreationTimestamp.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/IndexColumn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/TargetDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TimeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/MatchMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL91Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/IntoClause.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/NamedParameterSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/DatabaseExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/SingularAttributePath.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/LockMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/BooleanTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/RootImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/LiteralNode.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/NonUniqueDiscoveredSqlAliasException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/OrderedMapType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyChainedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/UnstructuredCacheEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaDropper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AttributeSource.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/BitronixJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/ParameterBind.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/SimpleValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/UserCollectionType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/SetBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/LockModeTypeMarshalling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/FlushModeConverter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/QueryParameterNamedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/NaturalIdXrefDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/ScalarResultColumnProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/DelayedPostInsertIdentifier.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/PersistentAttributeTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AttributeRole.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/insert/Binder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/PostInsertIdentifierGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/LazyAttributesMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/SynchronizationRegistryImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/ClassLoadingStrategyHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/RowCountProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/BinaryStream.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/MetadataContributor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SortNatural.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/local/PreparationContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/PooledOptimizer.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/CustomSql.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/UnloadedField.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/PersistentIdentifierGenerator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/Fetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/ServiceBinding.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/QueryException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/WrapVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/StaleObjectStateException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/StandardServiceRegistryBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/Alias.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/ScanEnvironment.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/CategorizedStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TrueFalseType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/access/AccessType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/IdentifierGeneratorHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/io/StreamCopier.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/ForeignKeys.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/OrderByClause.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/CustomEntityDirtinessStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQueryScalarReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BagType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/ImplicitResultSetMappingDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/event/spi/PreCollectionUpdateEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ManagedEntity.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/QueryableCollection.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/HSQLDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SchemaExport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ObjectDeletedException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/AbstractArchiveDescriptorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/FetchProfileBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/AbstractReturningWork.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/AbsFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/PostgresUUIDType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SQLServer2005Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Constraint.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/RefreshEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/CriteriaLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/ProvidedService.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/JdbcServicesImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/AbstractCollectionEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/BinaryArithmeticOperatorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jmx/spi/JmxService.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/DefaultEnhancementContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/IteratorImpl.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/CollectionElementDefinition.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitIdentifierColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/CoreMessageLogger.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/persistent/PreparationContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/SimpleSelect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CompositeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PersistEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/cfgxml/internal/ConfigLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/JtaPlatformInaccessibleException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/SQLServer2012LimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/IdentityGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/SelectGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/AbstractEntityGraphVisitationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/SessionFactoryServiceInitiatorContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/LocalDateType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionAttributeFetchImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/ExceptionMapper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/internal/PersistenceUnitInfoDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/List.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/internal/DialectResolverSet.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeElementSourceEmbeddedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/spi/IntegrationException.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/compile/CriteriaQueryTypeQueryAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/IntStreamDecorator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/Sybase11JoinFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/VarArgsSQLFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/PostgresCallableStatementSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ShortTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/ParamLocationRecognizer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/NativeQueryInterpreterInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/SharedSessionCreationOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Version.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeElementSourceManyToAnyImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSourceMapImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/ArchiveHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/BasicProxyFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Junction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/EntityType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/GetGeneratedKeysDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/LegacyFirstLimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/TimestampAttributeSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CharacterArrayType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/Configurable.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/HiLoOptimizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/ast/SqlScriptParser.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/CacheEntryStructure.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/AbstractToOneAttributeSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/FunctionNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/spi/PhysicalConnectionHandlingMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/LazyInitializationException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/ParameterModeMarshalling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/spi/AbstractDataSourceBasedMultiTenantConnectionProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/LoadQueryJoinAndFetchProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AnyAttributeFetchImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/ExtractionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/LazyIndexedMap.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/spi/SqlTypeDescriptorRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/BaseSessionEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/RelationalValueSourceHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/BigIntTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/TransactionCoordinator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/Work.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/BootstrapContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/ListIndexExpression.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/ClauseParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ImprovedNamingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/ByteBuddyState.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/NodeTraverser.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/InFlightMetadataCollectorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/ASTAppender.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jndi/spi/JndiService.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/SubselectOneToManyLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/PropertyFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/QuerySecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/LimitHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/spi/EventActionWithParameter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/PluralAttributeInfoIdBagAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/IngresDialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/spi/AliasResolutionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentList.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/Oracle12LimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/AbstractType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/internal/AttributeFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/OC4JJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/SingletonIterator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ComponentJoin.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/LoadPlanTreePrinter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/RowVersionType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/spi/ProcedureCallImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SqlNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/query/criteria/HibernateCriteriaBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/JoinedSubclassEntitySourceImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/spi/EntityReferenceAliases.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/SmallIntTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/ValueVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/CodeTemplates.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/FilterJoinTables.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorDB2DatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/DriverManagerConnectionCreator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/MultiEntityLoadingSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/StatelessSession.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/LegacyBatchingCollectionInitializerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/UrlInputStreamAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ForeignKeyDirection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/IdentifierValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/KeyValue.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/PositionalParameterSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/CacheJoinFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/BatchBuilderInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ImpliedFromElement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/spi/JoinStatus.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/InitCommand.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeNature.java

*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/beans/BeanIntrospectionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/PersistentAttributeFilter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/SessionOwnerBehavior.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/MutableJpaComplianceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/DiscriminatorType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/CompositeCollectionElementDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/AliasedProjection.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/SimpleValueTypeInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/CUBRIDLimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/MutableJpaCompliance.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JtaPlatformResolverInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/NullifExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/HighlightingFormatter.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ZonedDateTimeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/LocateFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/NativeQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/LiteralHandlingMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/SequenceGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/BetweenPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SharedSessionContract.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/StatsNamedContainer.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NaturalIdCache.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/internal/ExtractedDatabaseMetaDataImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaManagementTool.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/Exportable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeKeySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/EntityCopyAllowedLoggedObserver.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/CollectionReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/SchemaCreatorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/compare/ComparableComparator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQueryJoinReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EventType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/spi/Binding.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/MimerSQLIdentityColumnSupport.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/ParameterRegistration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/PrimitiveCharacterArrayTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitNamingStrategyLegacyHbmImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/tracker/SortedFieldTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/EntityCriteriaInfoProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/UUIDTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/ContextualLobCreator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/DeleteExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/internal/MetadataContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/engine/jdbc/dialect/internal/DialectResolverInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/SessionFactoryServiceInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeElementNature.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/DerbyConcatFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/JdbcConnectionAccessProvidedConnectionImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitDiscriminatorColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/LazyAttributeLoadingInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/NamingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SecondaryTableSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/criteria/CriteriaQueryTranslator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/SessionFactoryBuilderFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/profile/Association.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JtaSynchronizationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/CollectionLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/IdSubselectUpdateExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitUniqueKeyNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/XsdException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/EntityLoaderLazyCollection.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/MappingNotFoundException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/ProxyFactoryFactoryInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/HqlSqlWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/PersistenceUnitTransactionTypeHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/NClobTypeDescriptor.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/UnloadedTypeDescription.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/BinaryStreamImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/TransactionManagerBasedSynchronizationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/InformixIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/cursor/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/CriteriaBuilderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/CollectionFetchReturn.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/EnhancedSetterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Ingres9Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/QueryExecutionRequestException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/AbstractCompositionAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/SqlTypeDescriptorRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/AssociationType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DerbyTenSevenDialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/DelayedDropRegistryNotAvailableImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitConstraintNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/IdTableInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EntityNamingSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/CustomQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/CollectionElementLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/DisjunctionFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/loader/plan/exec/process/internal/ResultSetProcessorImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/query/criteria/internal/compile/RenderingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/cfg/annotations/QueryBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/internal/util/config/ConfigurationHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/persister/spi/PersisterClassResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/loader/entity/plan/AbstractLoadPlanBasedEntityLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/spi/MetadataSourcesContributor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeMapKeySourceBasicImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/criterion/Expression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/event/spi/RefreshEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/query/procedure/internal/ProcedureParameterMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/engine/jndi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/model/source/internal/hbm/CompositeIdentifierSingularAttributeSourceManyToOneImpl.jav
a
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/registry/StandardServiceInitiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/exception/spi/Configurable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/type/descriptor/java/BigIntegerTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/jpa/spi/CriteriaQueryTupleTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/resource/transaction/backend/jdbc/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/event/internal/DefaultPersistOnFlushEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/persister/entity/BasicEntityPropertyMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/model/naming/PhysicalNamingStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/model/naming/ImplicitNamingStrategy.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EventSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/internal/JdbcEnvironmentInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/TypeContributor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/EntityEntryExtraStateHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/JdbcConnectionAccessConnectionProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/BooleanStaticAssertionPredicate.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/AbstractPredicateImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/NonContextualJdbcConnectionAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/spi/GrantedPermission.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/ResultColumnReferenceStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/HbmEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/LocalTimeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/CollectionPropertyNames.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/IdentifierCaseStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/AbstractPostInsertGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/RegisteredSynchronization.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ParamDef.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/JaccPreUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/integrator/spi/ServiceContributingIntegrator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/UniqueKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/AbstractExplicitParameterSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/resource/transaction/backend/jta/internal/StatusTranslator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/BasicCollectionPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/SessionFactoryBuilderService.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Property.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/OneToMany.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorIngresDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/ResultSetProcessorResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/TopLimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/JaxpSourceXmlSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQL8Dialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/ProgressDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/JaccPreInsertEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/NonEncapsulatedEntityIdentifierDescription.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/PrimitiveArray.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/LazyToOneOption.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/MultipleBagFetchException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityDeleteAction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Bag.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/PropertySetterAccessException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/BulkInsertionCapableIdentifierGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/LockOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/BytecodeEnhancementMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/InMemoryValueGenerationStrategy.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorNoOpImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/NullTypeBindableParameterRegistration.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DB2400V7R3Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Interceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/CollectionProperties.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/MultipleLinesSqlCommandExtractor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/ProjectionList.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ExecuteUpdateResultCheckStyle.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/CriteriaImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/NoMoreReturnsException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeElementSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/IdentifierGeneratorStrategyProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/LazyInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Oracle9Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/QueryJoinFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/StandardUniqueKeyExporter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/GenerationTarget.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/ServiceRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/ClassmateContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/InstantJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/IdentifierSourceAggregatedCompositeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CompositeFetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/EntityNaming.java

*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SessionDelegatorBaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/UnionSubclassEntityPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/SessionFactoryBuilderImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/TargetType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionFetchableElementAnyGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/SequenceIdentityGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/EntityKey.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/PluralAttributePath.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/PropertyPreloadedData.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/LongVarbinaryTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/process/internal/ManagedResourcesImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/JarFileBasedArchiveDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/insert/AbstractReturningDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/SQLProjection.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/AuxiliaryDatabaseObject.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/process/spi/NoOpMetadataSourceProcessorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/jndi/JndiHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Component.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/UnknownUnwrapTypeException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/BaselineSessionEventsListenerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultFlushEntityEventListener.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Index.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/loader/plan/exec/process/internal/HydratedEntityRegistration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MariaDB106Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/sql/SQLQueryParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/HibernateEntityManagerFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/NullServiceException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/WrapperOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/LobHelper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DerbyTenSixDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/FetchTypeMarshalling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/TemplateRenderer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/SessionFactoryOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/PersistenceContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SQLServer2016Dialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/TableReferenceNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/EnumTypeMarshalling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/JdbcCoordinator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/PositionalParameterInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/local/Helper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorH2DatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/EntityLoader.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/GenerationTargetToDatabase.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/EnumJavaTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/criterion/Disjunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/LowerFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/config/spi/ConfigurationService.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/plan/BatchingCollectionInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/FlushMode.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/JoinSequence.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/OptimisticLockException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/AccessType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/TypeDefs.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/compile/ExplicitParameterInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/GenerationTiming.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/PrimitiveByteArrayTypeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/CacheModeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitJoinTableNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EmbeddableSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/spi/DatabaseMetaDataDialectResolutionInfoAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/ReferenceCacheEntryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/SizeOfPluralAttributeExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ForUpdateFragment.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeMapKeySourceEmbedded.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/WhereJoinTable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/ConnectionObserverStatsBridge.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/SimpleStrategyRegistrationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/query/criteria/internal/expression/function/CastFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/PrimaryKeyInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/JdbcTimeTypeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/ParameterInfoCollector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Oracle12cDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/LobCreatorBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Query.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/ConvertFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/map/SerializableMapProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/internal/NormalizingIdentifierHelperImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Conjunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ResultCheckStyle.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DirtyCollectionSearchVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/internal/ResultSetProcessingContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/spi/UnknownPersisterException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/DoubleStreamDecorator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/CompositeBasedBasicAttribute.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/internal/StandardDialectResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/ValueHandlerFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/SimpleCacheKeysFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/MaterializedBlobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptSourceInputFromReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/TableStructure.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/context/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/BlobTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ClassType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/ArchiveDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/NoopOptimizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Restrictions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/OptimisticLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Cache.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeNature.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/MappedSuperclass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/IdentifierBagType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/NaturalIdCacheKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/NClobProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/IdentifierSourceNonAggregatedComposite.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/TranslationContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/FloatType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ConstructorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/SessionFactoryHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/internal/JdbcEnvironmentImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/PathSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/spi/JaccIntegrator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQLStorageEngine.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Metamodel.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NamedNativeQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/FilterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/JtaTransactionAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/MetadataSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/LoadGraphLoadPlanBuildingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/IdentityMap.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptTargetOutputToStdout.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/spi/StrategySelectionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/StatelessSessionBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Teradata14Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/OrderByFragmentTranslator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/ProxyConfiguration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/ForeignGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/spi/SQLExceptionConverter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/SchemaManagementToolInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/SchemaExtractionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/SortKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/spi/AbstractSQLExceptionConversionDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/spi/JpaBootstrapSensitive.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/MapKeyNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/LazyCollectionOption.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultAutoFlushEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/model/naming/ImplicitForeignKeyNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/StandardServiceRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/internal/DialectFactoryInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/local/IdTableInfoImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/SerializableClobProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/UUIDHexGenerator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/CallbackException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/JdbcResultMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitPrimaryKeyJoinColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Value.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/TempTableDdlTransactionHandling.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/PaddedBatchingEntityLoader.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/StandardOptimizerDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/SetterMethodImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/RealTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SessionException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/UnresolvableObjectException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeIndexSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AbstractCollectionReference.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/SQLLoadableCollection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/classic/Lifecycle.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/DisabledScanner.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/PackageDescriptorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/QueryParameterException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/AvailableSettings.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/JdbcEnvironment.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/PropertyProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/InvalidWithClauseException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SingularAttributeSourceEmbeddedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/none/NoneBasicProxyFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/local/AfterUseAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/CompositeIdentifierSingularAttributeSourceBasicImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/AutoFlushEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyEnhancedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/LocalXmlResourceResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeSequentialIndexSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/QueryParameters.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/ColumnHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/CollectionInitializer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JOnASJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/spi/PersistenceUnitDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/UnaryArithmeticOperation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/CaseFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/loader/collection/SubselectCollectionLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/TableInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CompositeQuerySpace.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/InheritanceType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/SessionFactoryRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/NullLiteralExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/DoubleTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/AnnotationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/AbstractNonIdentifierAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/JDBCException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/LockModeEnumMap.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/JdbcTimestampTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/MetadataBuilderInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/ValidationMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/OrderingSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SortType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/FetchCharacteristicsSingularAssociation.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/VersionProperty.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/DefaultSchemaFilter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/NamedParametersNotSupportedException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/UpdateTimestampGeneration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/AccessType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/ParameterBinder.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSourceListImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/DataHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgresPlusDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/Setter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/UrlType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/JoinHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultReplicateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/CountNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/EnhancementContext.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/internal/EntityManagerFactoryBuilderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/LazyPropertyInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Transaction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/CollectionStatisticsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/OneToOneSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/StatementExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/StatisticsInitiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/Delete.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/AbstractDelegatingSharedSessionBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/SQLGrammarException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/StructuredMapCacheEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/JaccSecurityListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/Attribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptTargetOutputToFile.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/QuerySpaceUidNotRegisteredException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/BatchLoadSizingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/EntityIdentifierDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/internal/DefaultSchemaNameResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/FilterTranslator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/AnnotatedClassType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaCreator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/TypeSearchability.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/SetJoinImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ObjectNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostActionEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/ExportableColumn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/ParameterStrategyException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/StatementPreparerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/TransactionCoordinatorOwner.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/AtomikosJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/ExportableProducer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/DTDEntityResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/PackageInfoArchiveEntryHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/hql/internal/ast/tree/SearchedCaseNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/BaseXMLEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MckoiDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ResultVariableRefNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/BidirectionalEntityReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/Insert.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQLDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/CollectionJoinWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/ErrorReporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/CascadePoint.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/HibernateSchemaManagementTool.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/InheritanceState.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaFilterProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/BytecodeProviderInitiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/spi/Bootstrap.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Selectable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/FkRefNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/BidirectionalEntityReferenceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/EntityAliases.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/DynamicFilterAliasGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/CacheRegionStatisticsImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/QualifiedNameImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/FetchStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/type/descriptor/sql/IntegerTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/ParameterExpressionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/Nullability.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/FlushEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/SerializableNClobProxy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/QueryPlanCache.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/ColumnReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/ActivationContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/PositionalParameterInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/internal/AliasConstantsHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/PessimisticReadUpdateLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingFetchSource.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSourceArrayImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/SelectionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionFetchableElementCompositeGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/XMLStreamConstantsUtils.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ImportSqlCommandExtractor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/TrimFunctionTemplate.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/JaccPreDeleteEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/PostInsertIdentityPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/HqlToken.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/FetchStyle.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/WrappedMaterializedBlobType.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/SqlExceptionHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/ValueExtractor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/NaturalIdEntityJoinWalker.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/ReplicateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/FetchStyleLoadPlanBuildingAssociationVisitationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/log/ConnectionPoolingLogger.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EventEngine.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/IndexColumn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultPreLoadEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/ColumnSourceImpl.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/IndexedCollection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostUpdateEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeElementSourceBasicImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/QuerySpaceHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CollectionReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCollectionRecreateEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/Ejb3Column.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/AbstractSchemaValidator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/TypedValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/CopyIdentifierComponentSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/DynamicMapComponentTuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitJoinColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/engine/spi/SessionOwner.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/UpdateLockingStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/FetchMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jdbc/internal/JdbcResourceLocalTransactionCoordinatorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/IllegalIdentifierException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/SessionFactoryServiceRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/PooledLoThreadLocalOptimizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/SourceType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/ExecuteUpdateResultCheckStyleConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/MapAttributeJoin.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Immutable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/SQLFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/TinyIntTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/ColumnAttributeSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitEntityNameSource.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/IllegalDereferenceException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/EntityInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SingleColumnType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostDeleteEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessFieldImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/ServiceRegistryImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BasicTypeRegistry.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/ConstraintViolationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/MultiTableUpdateExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/Sequence.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/Ingres10IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/UnaryArithmeticNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/EntityTypeExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/ServiceContributor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQLInnoDBDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/ByteArrayInputStreamAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/CollectionCacheEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/EnhancementContextWrapper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/FetchSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/GroupedSchemaValidatorImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Informix10Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/AbstractProducedQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/Select.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/internal/jta/JtaStatusHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ResourceClosedException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/TypeContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/loading/internal/EntityLoadContext.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/internal/PersisterFactoryInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/spi/StrategyRegistrationProviderList.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeSourceEmbedded.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/StringNVarcharType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AbstractCompositeFetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/ManagedFlushCheckerLegacyJpaImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/OrderByFragmentParser.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CharacterArrayNClobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/Assigned.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/DynamicBatchingEntityLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/IsNullLogicOperatorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/ReaderInputStream.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/NonNullableTransientDependencies.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/EntityIdentifierNature.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/UniqueKeyLoadable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/ProcedureCall.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/SimpleSubqueryExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/ScrollableResultSetProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/hint/QueryHintHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/MetadataBuilder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PointbaseDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/internal/LazyServiceResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/AssociationAttributeDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/package-info.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/RootClass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/Ejb3DiscriminatorColumn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/config/internal/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/AbstractScriptTargetOutput.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/CoordinatingEntityNameResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/AbstractExpandingSourceQuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/Util.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/map/MapLazyInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/ImplicitColumnNamingSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/HANAColumnStoreDialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SelfDirtinessTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AnyDiscriminatorSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/LocalDateJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/DateType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/InformixDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/EJB3DTDEntityResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/RootHelper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/AbstractEntitySourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Column.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/SourceType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/CacheConcurrencyStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ManagedComposite.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/type/OffsetTimeType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/NameGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/SyntheticAndFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/DependantValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/ExplodedArchiveDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/WrappedNClob.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/sql/NamedParamBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/NvlFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/TransactionStatus.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/NumericBooleanType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/AliasToEntityMapResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AbstractAttributeKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/JarFileEntryXmlSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BigDecimalType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/MetadataBuilderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/spi/Executable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/BytecodeProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/BasicFunctionExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentSet.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/AbstractFieldSerialForm.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/AutoFlushEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/SybaseASE157LimitHandler.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/NotNullExpression.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/internal/StandardCallableStatementSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/LongStreamDecorator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsIdsOrClauseDeleteHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/NamedProcedureCallDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/MergeContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/ArchiveDescriptorFactory.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/spi/SQLExceptionConversionDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/DynamicFilterParameterSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SelectExpressionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AbstractExpandingFetchSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/SessionFactoryServiceRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/ParameterBind.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/spi/IsolationDelegate.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/enhance/EnhancingClassTransformerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/BooleanExpressionPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/PluralAttributeInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/MetaValue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MariaDB10Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/ExceptionMapperStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/OneToManyPersister.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/TypeSafeActivator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultPersistEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/internal/AbstractLogicalConnectionImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCollectionRemoveEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/FunctionExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Index.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/internal/EntityReturnReader.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/PaddedBatchingCollectionInitializerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/NativeQueryNonScalarRootReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/AliasGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/profile/FetchProfile.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/BeanValidationIntegrator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeSourceToOne.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/spi/BeforeTransactionCompletionProcess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/CollectionPropertyReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/query/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TypeHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TimestampType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/EntityAttributeFetchImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/NoopLimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/BatchingEntityLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/model/source/internal/hbm/AbstractSingularAttributeSourceEmbeddedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/CollectionBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsSubSelectValueListBulkIdStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityIncrementVersionProcess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/XmlHelper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/AbstractScannerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/EmbeddableSourceContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/LazyToOne.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/JdbcTypeFamilyInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/HQLQueryPlan.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/CacheableResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/OptimisticLockStyle.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/ContextualJdbcConnectionAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/OrderByAliasResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentMap.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/PaddedBatchingEntityLoaderBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/BufferedXMLEventReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/FileInputStreamAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TypeFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/AbstractQuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/CollectionAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/CriteriaDeleteImpl.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/compile/CriteriaInterpretation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/Type.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/AttributeDefinition.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/CascadeStyleLoadPlanBuildingAssociationVisitationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/ASTIterator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/OriginImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/QueryParameterBindingTypeResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/EntityHierarchySourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeSourcePrimitiveArrayImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MariaDB103Dialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/compile/CompilableCriteria.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/LegacyBatchingEntityLoaderBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsOrClauseBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/ClobTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ConnectionReleaseMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/exec/SimpleUpdateExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/ParameterSpecification.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/BootstrapContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/AbstractEntityTuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/PathTypeExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/StatefulPersistenceContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SerializationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/RegionFactory.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/AbstractAttribute.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreCollectionUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Oracle9iDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/PersistentClassVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/spi/LockModeResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SchemaValidator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/IdentifierCollection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/YesNoType.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/spi/SQLExceptionConverterFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/ArchiveEntryHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ClassTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/OffsetTimeJavaDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DB2400Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/AbstractSingleColumnStandardBasicType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQueryNonScalarReturn.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SingleLineSqlCommandExtractor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/process/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/factory/internal/DefaultIdentifierGeneratorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/CompositeUserType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorHSQLDBDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/NCharTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/AttributeAccessor.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/StructuredCacheEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/ResultSetOutput.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/LoadQueryInfluencers.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ImprovedExtractionContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/spi/CurrentSessionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jndi/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/PojoInstantiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/MappingException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/AbstractLoadQueryDetails.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/UnloadedClass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/FilterKey.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCommitInsertEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/PostInsertEventListenerStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EvictEventListener.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/CharacterStream.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/ColumnAliasExtractor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/CollectionJoinImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/LimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/EntityPrinter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Formula.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/UserVersionType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/NClobType.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/internal/ResultSetProcessorHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/BulkAccessorException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/bytebuddy/PassThroughInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/unique/DB2UniqueDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/CommandAcceptanceException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/ClearEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/internal/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/JpaCallbackSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/lob/ReaderInputStream.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/ZonedDateTimeComparator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/JoinWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/LazyCollection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/QueryProducer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/DerbyCaseFragment.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/StandardSessionFactoryServiceInitiators.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/ConnectionCreatorFactoryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/spi/ViolatedConstraintNameExtracter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultEvictEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/spi/HydratedCompoundValueHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/WorkExecutor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CollectionType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/ComponentTuplizerFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/dialect/lock/PessimisticForceIncrementLockingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/internal/EventListenerRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/ColumnEntityAliases.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/JtaTransactionCoordinatorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/InputStreamXmlSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/PrimaryKeyInformation.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/GenericGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/parse/GeneratedGraphParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/map/MapProxyFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/PersistentObjectException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/internal/TransactionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/PooledLoOptimizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/persistent/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/PersistenceUtilHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/Nullability.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/ParameterRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Tuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/IdTableHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/SQLDelete.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/FileXmlSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/HibernateProxy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/QueryParameterBindingValidator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/EntityReferenceInitializer.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/StandardAuxiliaryDatabaseObjectExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/DynamicMapEntityTuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/compare/RowVersionComparator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/QueuedOperationCollectionAction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/CollectionUpdateAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/ConfigParameterContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/CompoundPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/BasicTransformerAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/JaccPreLoadEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/InlineDirtyCheckingHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/PropertyContainer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/WrapperBinaryType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/SimpleAuxiliaryDatabaseObject.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/ResultSetReturnImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/beanvalidation/BeanValidationEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/BinaryOperatorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/spi/PermissionCheckEntityInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/StandardArchiveDescriptorFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/IdentifierHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ColumnDefault.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/CacheRegionDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/unique/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/annotations/Entity.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/CacheEntityLoaderHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/ConditionalParenthesisFunction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/FormulaReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/NativeQueryReturnBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/ImportSqlCommandExtractorInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/Informix10LimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/DefaultSessionFactoryBuilderInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Sybase11Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/JavaConstantNode.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/FilterSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/converter/AttributeConverterTypeAdapter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/SecondaryTableContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/AbstractTransactSQLDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessEnhancedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/ExistsPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CollectionKey.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/spi/DialectResolutionInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/NestedCompositeAttributeFetchImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/StandardForeignKeyExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/PropertyNotFoundException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/ComparisonPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/JdbcContext.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/AttributeContainer.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AbstractRestrictableStatement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyNoopImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/AbstractNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/PropertyAccessBuildingException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/spi/StrategySelector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/JaccPermissionDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/LobMergeStrategy.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/NonContextualLobCreator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/Cascade.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/UrlXmlSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/SessionFactoryServiceContributor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/internal/StrategySelectorBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/GraphParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/TableSourceImpl.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/DenormalizedTable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/JpaComplianceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/AfterCompletionAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/cursor/internal/RefCursorSupportInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/DbTimestampType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/SelectExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCollectionRecreateEventListener.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/NamedQueryCollectionInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/spi/DataSourceBasedMultiTenantConnectionProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/GeneratorType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/Cloneable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/ServiceInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/DateTypeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/Teradata14IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ANSIJoinFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AttributePath.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/CloseableIterator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jndi/JndiNameException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/SelectValues.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/FromElement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/config/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/BasicCollectionJoinWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/internal/JTASessionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EvictEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/FetchTiming.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/CockroachDB201Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/AnyMetaDefs.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/AbstractTransactSQLIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/hql/spi/id/inline/InlineIdsInClauseUpdateHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/ByteTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/IdentifierBag.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/CollectionId.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/AbstractPluralAttributeSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/PropertyAccess.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/NonIdentifierAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/PersistenceUnitUtilImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/NullnessPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/EmptyExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/DistinctResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/DirtyCheckEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/ExceptionMapperLegacyJpaImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultDirtyCheckEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ResolvableNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorLegacyImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/AbstractPreDatabaseOperationEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/TableBasedDeleteHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/BytecodeEnhancementMetadataNonPojoImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/InvalidatableWrapper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsInClauseBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreInsertEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/AbstractEmptinessExpression.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/MapKeyColumnDelegator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/LockEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/PackageDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/SessionCreationOptions.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/ParameterTranslationsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/factory/internal/MutableIdentifierGeneratorFactoryInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/SQL2008StandardLimitHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/SessionFactoryObserverChain.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/ScriptSourceInput.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/cfgxml/spi/CfgXmlAccessService.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/Manageable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/type/PrimitiveWrapperHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BinaryType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/FetchProfile.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Join.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/SequenceStructure.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SessionFactoryImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/CollectionPropertyHolder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/HSQLIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/NaturalIdType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/LoadEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/DiscriminatorFormula.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/IdentifiableTypeSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/PathExpressionParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQLDialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/TableMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SourceDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TypeResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/JtaTransactionAdapterTransactionManagerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AbstractCompositeReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/AssertionFailure.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/CascadeEntityJoinWalker.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/UnsupportedLockAttemptException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptSourceInputNonExistentImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/NonEncapsulatedEntityIdentifierDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/BitTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/NonScalarReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/HANAIdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/InstrumentedClassLoader.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/sql/NativeSQLQueryReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/BulkOperationCleanupAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Incubating.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/MckoiCaseFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/LongTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SQLServer2008Dialect.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/CacheModeHelper.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/ListBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/BasicBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JtaPlatformInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/HolderInstantiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/TypeContributions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/StrategyRegistrationProvider.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/ResultSetProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/cte/CteValuesListBulkIdStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/PropertyAccessException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessBasicImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorSAPDBDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/AbstractServiceRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/MergeEvent.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorMimerSQLDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/spi/IntegratorProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/config/spi/StandardConverters.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NamedNativeQueries.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/DdlTransactionIsolatorProvidedConnectionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/ASTParentsFirstIterator.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/LifecycleCallback.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/factory/IdentifierGeneratorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Distinct.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/local/LocalTemporaryTableBulkIdStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/SerializationHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/SessionFactoryServiceRegistryFactoryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/JoinImplementor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/ColumnSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/Versioning.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/spi/AfterLoadAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Session.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/function/CurrentTimeFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/JavaTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/FetchProfiles.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/persistent/Helper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SerializableToBlobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/FilterDef.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/plan/DynamicBatchingEntityLoaderBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/FilterAliasGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/NativeQueryInterpreter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CalendarType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/EntityCopyObserverFactoryInitiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/collection/plan/LegacyBatchingCollectionInitializerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/EntityStatisticsImpl.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/DelayedDropRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/PostgreSQL10IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/HqlParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/MetaType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/EntityMetamodel.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/CollectionSubqueryFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/spi/JtaPlatformResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/spi/StatisticsImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/AbstractComponentTuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CollectionQuerySpace.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/CalendarTimeTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/SQLFunctionTemplate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/internal/LobCreatorBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/GenericGenerators.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/NoopEntryHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsIdsInClauseDeleteHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/internal/DefaultDialectSelector.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/InformationExtractor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/PropertyHolderBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/DB2390IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/loader/plan/spi/EntityReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/AbstractCollectionPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/JtaTransactionCoordinatorBuilderImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TextType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/CollectionDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/AbstractDelegatingSessionBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Property.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/spi/PermissibleAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/internal/NativeQueryInterpreterStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorCUBRIDDatabaseImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/IdTableSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/FromImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/AbstractJaccSecurableEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ANSICaseFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/BinaryOperatorExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/spi/GraphNodeImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/LogicalConnection.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/SelectPathExpressionParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BlobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/DisabledJaccServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SessionBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/BytesHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyBasicImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/engine/loading/internal/LoadingCollectionEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/AbstractLoadPlanBasedLoader.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SQLServerDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JBossStandAloneJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/NamingHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/LiteralProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Tables.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ColumnTransformers.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/AbstractAnsiTrimEmulationFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/Transformers.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptTargetOutputToUrl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/ValueBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/ImmutableEntityEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/TypeInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/IdentifierSource.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultLoadEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/internal/ParsedPersistenceXmlDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/IdGeneratorResolverSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/SessionFactoryServiceRegistryBuilderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/TypeMismatchException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Projection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/IndividuallySchemaMigratorImpl.java

*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/DdlTransactionIsolatorJtaImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/GetterFieldImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/ElementPropertyMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/HibernateQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQL5Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NamedQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/ToolingHintContainer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/LiteralType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/ConnectionProviderInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/ErrorTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Set.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/ScanResultImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/entry/StandardCacheEntryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/FetchableAttribute.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/internal/NullableDiscriminatorColumnSecondPass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL82Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/spi/EntityManagerFactoryBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/TableOwner.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/TableBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/Service.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SizeSourceImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/QuerySelect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/type/DiscriminatorType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/ExceptionHandlerLoggedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/PojoEntityTuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCommitUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/NonDurableConnectionObserver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/IdentifierHelperBuilder.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/JdbcSessionContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/internal/SynchronizationRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/CharIndexFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/internal/StandardJaccServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/InstantiationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/Property.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/PropertyAccessException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/WalkingException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DB2390V8Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/spi/ProviderChecker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jmx/internal/JmxServiceInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/MappingNotFoundException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/CollectionReferenceInitializer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreCollectionRemoveEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/BatchedTooManyRowsAffectedException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/ManyToOne.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/InitialValueAwareOptimizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/jpa/spi/HibernateEntityManagerFactoryAware.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQL5InnoDBDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/MutableMutabilityPlan.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/IdClassSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/internal/DialectFactoryImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AbstractAnyReference.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/VersionTypeSeedParameterSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/spi/SQLStateType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/HbmLocalMetadataBuildingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/FlushVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ExternalSessionFactoryConfig.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/InvalidMappingException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/BasicPathUsageException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/TypeHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/EntityEntryFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/Template.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MariaDB102Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BasicType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/loading/internal/LoadContexts.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/Exporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/cfgxml/internal/CfgXmlAccessServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/SequenceHiLoGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/WebSphereJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/profile/package-info.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/NamedQueryRepository.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/HANARowStoreDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/OffsetDateTimeType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/BatchingLoadQueryDetailsFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/ClassicQueryTranslatorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitNamingStrategyLegacyJpaImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/PropertyBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MariaDB53Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostLoadEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/query/spi/QueryBuildingParameters.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/RelationalValueSourceContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/AbstractDelegatingMetadataBuildingOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SortedMapType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/JdbcDataType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/AnnotationBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/Expectation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SingularAttributeSourceOneToOneImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/DerbyDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/NaturalIdMutability.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/UnknownServiceException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/QueryStatisticsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/spi/RootGraphImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/query/spi/QueryParameterListBinding.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/ToolingHintContext.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/NumericTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/CacheModeConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/NotInstrumentedException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ToOneBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/Any.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BooleanType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/AbstractInlineIdsUpdateHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ComponentType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/ManyToOneAttributeColumnsAndFormulasSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/process/spi/ManagedResources.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/CollectionQuerySpaceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/EntityJoinWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/SessionStatisticsImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/spi/JdbcConnectionAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/DynamicUpdate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/AbstractSchemaMigrator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/AliasGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/internal/EntityReferenceInitializerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/Caching.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/PolymorphismType.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/UUIDGenerationStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/NativeQueryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Where.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/BatchFailedException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/enhance/EnhancementTask.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/tracker/SimpleFieldTracker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/LazyGroup.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/CoreLogging.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/ConstructorReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ManyToOneType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/NullPrecedence.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/Origin.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptSourceInputAggregate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/ConnectionCreatorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jndi/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/query/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/PropertyAccessSerializationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/IndexBackref.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/LocalSynchronizationException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/spi/BasicDialectResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorDerbyDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/package-info.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionFetchableIndexAnyGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/H2Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/SerializableBlobProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/TransientPropertyValueException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/DatasourceConnectionProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/context/internal/ThreadLocalSessionContext.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/stax/XmlInfrastructureException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/PersistentAttributeInterceptable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/spi/TableInformationContainer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/UniqueConstraintSchemaUpdateStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/MapKeyType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/Identifier.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/EntityCopyAllowedObserver.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/AbstractArchiveDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/process/internal/ScanningCoordinator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/InterbaseDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/LockModeConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/SessionFactoryServiceRegistryFactoryInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL94Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/AccessTypeMarshalling.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/persistent/IdTableInfoImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/InvalidGraphException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/boot/model/source/spi/AssociationSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/OuterJoinableAssociation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/spi/TypeConfigurationAware.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/NoSuchParameterException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/AbstractEntityInsertAction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/spi/BatchObserver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/internal/PersisterFactoryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/PersistentAttributeInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsOrClauseUpdateHandlerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/MetadataBuilderImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/spi/PhysicalJdbcTransaction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/CollectionPropertyMapping.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/EntityDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/ReaderCollector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ClobType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/internal/SQLStateConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/AbstractCompositeEntityIdentifierDescription.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/QueryImplementor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultInitializeCollectionEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/SessionFactoryBuilderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/Joinable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/package-info.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/NaturalId.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/TableInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitCollectionTableNameSource.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/OnUpdateVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/AliasToBeanResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/MetadataBuildingOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/spi/JavaTypeDescriptorRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/CompositeQuerySpaceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/ColumnInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/JoinedSubclassEntityPersister.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/EventUtil.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/query/spi/NamedParameterContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/internal/CacheableFileXmlSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/param/CollectionFilterKeyParameterSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/ClobProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/TimestampGenerators.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/DelayedDropAction.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SAPDBDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/MappingFileDescriptorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/LoadEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/StatisticalLoggingSessionEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/CharacterTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/event/internal/AbstractLockUpgradeEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeElementSourceOneToManyImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/AttributeConversionInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/Instantiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/HibernatePersistenceProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/OnLockVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/Chache71IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/CustomizableColumns.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/OverriddenMappingDefaults.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/Queryable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/NaturalIdentifier.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/TimeTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/Environment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/PersistentClass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/NamedEntityGraphDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/HavingParser.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/TransactionRequiredForJoinException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeSourceManyToOne.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/IdTableSupportStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/JOTMJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/DuplicateMappingException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/AbstractPluralAssociationElementSourceImpl.java

*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/EntityNotFoundDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Any.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/spi/Binder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/internal/JpaStaticMetaModelPopulationSetting.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/internal/TransactionCoordinatorBuilderInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/EnhancementException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/EntityEntryContext.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/selector/internal/DefaultJtaPlatformSelector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/IdentifierProperty.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/JdbcDateTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/AttributesHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/ParameterBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityUpdateAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/CollectionIdSource.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ColumnsBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SessionEventListenerManager.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/ParameterMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/QualifiedNameParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ObjectType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/OptimizerFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/ParameterMetadataImpl.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyMixedImpl.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/SQLQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/spi/InputStreamAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/ResultSetProcessingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/ParameterInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/SessionFactoryServiceRegistryBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/IndexInformation.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/ParameterizedType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/JoinFormula.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/AuxiliaryDatabaseObjectBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/component/PojoComponentTuplizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/HqlLexer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/Ingres9IdentityColumnSupport.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/ClassDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/Scanner.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/DynamicMapInstantiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/DatabaseInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/ResultRowProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionFetchableIndexEntityGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/MapKeyEntityFromElement.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/JdbcMetadaAccessStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/internal/StandardSQLExceptionConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/spi/SchemaMigrator.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/GenerationTargetToScript.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/VersionAttributeSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/config/internal/ConfigurationServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/ScanOptions.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/spi/ExpandingEntityQuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/transform/PassThroughResultTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/DoubleType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/ejb/HibernateEntityManager.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/integrator/spi/Integrator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/MetaAttributable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/pagination/SQLServer2005LimitHandler.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/EntityCopyObserver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/spi/SynchronizationRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/RestrictableStatement.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/Criterion.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/GeneratedValueGeneration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/OrderByFragmentRenderer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreLoadEvent.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/AbstractOptimizer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/ManagedFlushChecker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/IdentifierSourceNonAggregatedCompositeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/CriteriaSpecification.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/proxy/pojo/bytebuddy/SerializableProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/dialect/spi/DialectResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/EntityGraphQueryHint.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/JtaTransactionAdapterUserTransactionImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/BlobTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/StringTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/spi/AfterTransactionCompletionProcess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL92Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CurrencyType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/sql/SQLCustomQuery.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/QuerySpace.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/TypeDiscriminatorMetadata.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/XmlInfrastructureException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/CriteriaUpdateImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/UUIDBinaryType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/global/PreparationContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/StreamUtils.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/TableSpecificationSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/internal/StandardPersisterClassResolver.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/MemberOfPredicate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Cascade.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/AbstractWork.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/SQLCriterion.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/LockAcquisitionException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/PreprocessingParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/spi/JdbcSessionContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/InitializeCollectionEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/ScrollableResultsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jta/internal/synchronization/SynchronizationCallbackCoordinator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/PostgreSQL9Dialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/TupleBuilderTransformer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/IndexedPluralAttributeSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/HibernateProxyHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/MetamodelGraphWalker.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/internal/LogicalConnectionManagedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ExpectedTypeAwareNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/internal/TcclLookupPrecedence.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/StrategyCreatorRegionFactoryImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/pojo/bytebuddy/ByteBuddyInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/MultiIdentifierLoadAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/spi/ParameterStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/ResultSetWrapperProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/HqlASTFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/SortSpecification.java

*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/DatabaseInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/AbstractDelegatingSessionBuilderImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/AbstractEntityEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ManyToAny.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/internal/ClassLoaderServiceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/IdentifierGeneratorDefinition.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/ExceptionConverterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/EntityEntry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/none/DisallowedProxyFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/EJB3NamingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/query/spi/ParameterParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/service/spi/EventListenerGroup.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/ByteCodeHelper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Parent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/loading/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/sql/PositionalParamBinder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/internal/AbstractRowReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/PositionSubstringFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/internal/UpdateCountOutputImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/LobTypeMappings.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/AssignmentSpecification.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/AnyType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/ClassLoaderAccessImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/EntityModeConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/TypeNames.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptTargetOutputToWriter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/AdaptedImmutableType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/ReflectHelper.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/TargetTypeHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EmbeddableSourceContributor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/hbm2ddl/SchemaExportTask.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/OrderBy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/SessionBuilderImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/SchemaAutoTooling.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/BytecodeInterceptorLogging.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessMixedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/exec/ScriptSourceInputFromFile.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/AbstractPropertyMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/Lockable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/SelectParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/PropertyData.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/exception/internal/CacheSQLExceptionConversionDelegate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostDeleteEventListener.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentIdentifierBag.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/ListJoinImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/DefaultComponentSafeNamingStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/collection/CompositeElementPropertyMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/ImmutableEntityEntryFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/entity/CascadeEntityLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/XMLStreamConstantsUtils.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/FlushEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/QueryNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/spi/ScanParameters.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/BasicTypeRegistration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PreUpdateEvent.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/batch/internal/AbstractBatchImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/identity/H2IdentityColumnSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/TransactionManagerAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/LockModeTypeHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/EntityOrMappedSuperclass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/mapping/JoinedSubclass.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/persistent/PersistentTableBulkIdStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/AbstractVisitor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/internal/util/LogHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/MergeEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/annotations/RowId.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/ConnectionValidator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/ImplicitIndexColumnNameSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/Status.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/log/ConnectionAccessLogger.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/StandardTableExporter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/internal/JpaMetaModelPopulationSetting.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessMapImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/CollectionRecreateAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/ReflectionOptimizer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/NativeQueryTupleTransformer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/QueryHints.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/CharacterType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/DirtyCheckEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/MultiTableBulkIdStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionFetchableElementEntityGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/Settings.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/BootstrapServiceRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/TimeZoneType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/SqlGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/ParameterNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/CriteriaQueryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/resource/jdbc/spi/StatementInspector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/internal/ServiceDependencyException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/Statistics.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/AttributeConverterDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/util/ASTUtil.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/FetchCharacteristics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/spi/EnhancedGetterMethodImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/BinaryLogicOperatorNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/uuid/StandardRandomStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/uuid/CustomVersionOneStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/ActionQueue.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/xml/XmlDocument.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/internal/CollectionReferenceInitializerImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/internal/QueryParameterBindingsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/SybaseAnywhereDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/criterion/SimpleProjection.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/PojoEntityInstantiator.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyBackRefImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/ComponentPropertyHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/JoinType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jdbc/Expectations.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/procedure/internal/ProcedureParamBindings.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/jdbc/spi/JdbcSessionOwner.java

*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/JoinFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/SortedSetType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityAction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/DefaultCustomEntityDirtinessStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/Oracle10gDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/StandardAnsiSqlAggregationFunctions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/JavaTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/UUIDGenerator.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/RowReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/internal/JarProtocolArchiveDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/QuerySyntaxException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/StringHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/AbstractAuxiliaryDatabaseObject.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeSourceAny.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/connections/internal/DriverConnectionCreator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/entity/EntityPersister.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/LongNVarcharTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/OptimisticLock.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/none/BytecodeProviderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/spi/ClassLoadingException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/ListIndexBase.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/MultipleHiLoPerTableGenerator.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/IncrementGenerator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/ExpressionImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/procedure/spi/ProcedureParameterImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tuple/entity/EntityBasedCompositionAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/BatchSize.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/PluralAttributeMapKeyManyToAnySourceImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/EntityReturnImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/PhysicalNamingStrategyStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/action/internal/EntityActionVetoException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/AbstractTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/Configuration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/SqlTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/package-info.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/PluralAttributeMapKeySourceBasic.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/usertype/LoggableUserType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Parameter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/EntitySource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/ScanResultCollector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/FilterSourceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/LiteralExpression.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/predicate/ImplicitNumericExpressionTypeDeterminer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCollectionUpdateEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/annotations/FilterDefs.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/spi/HibernateEntityManagerImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/EntityQuerySpaceImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/OrderByFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/spi/AssociationVisitationStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/ListType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/spi/QueryParameterBindings.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/OptimisticLocking.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/hbm/internal/LockModeConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/Criteria.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/PersistentArrayHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/CannotForceNonNullableException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/ParserHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/spaces/CompositePropertyMapping.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/MapKeyJoinColumnDelegator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/internal/MutableEntityEntryFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/ConstructorResultColumnProcessor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/AnyAttributeFetch.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/InLogicOperatorNode.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/MySQL57InnoDBDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/StringType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/MultiTenancyStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/archive/scan/internal/StandardScanOptions.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/lock/LockingStrategy.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/FirebirdDialect.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/EnhancerConstants.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/BigIntegerType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/bytebuddy/FieldWriterAppender.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/AbstractScrollableResults.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/procedure/ProcedureParameter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/SelectFragment.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/id/inline/InlineIdsOrClauseBulkIdStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/QueryTranslator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/ReattachVisitor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/StandardSQLFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyFieldImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/sql/JdbcTypeJavaClassMappings.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/parse/HEGLTokenTypes.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCollectionUpdateEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/config/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/custom/EntityFetchReturn.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/LocaleType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/secure/spi/JaccService.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/ASTQueryTranslatorFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/SingularAttributeSourceOneToOne.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/WeblogicJtaPlatform.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/procedure/ParameterMisuseException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/ProxyFactory.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/internal/DefaultPostLoadEventListener.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/annotations/Synchronize.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/env/internal/LobCreatorBuilderImpl.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/InitializeableNode.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/InheritanceTypeMarshalling.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/BootstrapServiceRegistryBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/spi/BytecodeProvider.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/InLineViewSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/CockroachDB192Dialect.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/BasicLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/spi/ForeignKeyInformation.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/spi/AbstractDelegatingSessionFactoryBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/boot/internal/PersistenceXmlParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/PostCollectionRemoveEventListener.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/FloatTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jdbc/internal/JdbcIsolationDelegate.java

*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/SequenceInformationExtractorTimesTenDatabaseImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/NullNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/HEMLogging.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/path/SetAttributeJoin.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/ResultSetWrapper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/classic/WhereParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/spi/NamedParameterInformation.java
*
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/InLineViewSourceImpl.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/ForeignKeyInformationImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/internal/hbm/SingularAttributeSourceManyToOneImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/spi/CollectionReturn.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/AbstractLazyInitializer.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/extract/internal/IndexInformationImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/EntityMode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/LazyAttributeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/internal/GenerationTypeMarshalling.java
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jar/org/hibernate/boot/model/source/internal/hbm/ManyToOnePropertySource.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/CastFunction.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/IntegerTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/AbstractLobCreator.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/FromReferenceNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/FilterConfiguration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/MarkerObject.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/function/StandardJDBCEscapeFunction.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/Node.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/MutabilityPlan.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/property/access/internal/PropertyAccessStrategyEmbeddedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/uuid/Helper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/ServiceException.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/compile/CriteriaCompiler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/internal/CompositionSingularSubAttributesHelper.java
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*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/internal/tracker/NoopCollectionTracker.java
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*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/IndexOrUniqueKeySecondPass.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/persister/walking/internal/StandardAnyTypeDefinition.java
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jar/org/hibernate/engine/spi/SharedSessionContractImplementor.java
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/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/ast/SqlScriptParserException.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/ColumnMapper.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/naming/NamingStrategyHelper.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/process/spi/ReturnReader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/enhanced/AccessCallback.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/source/spi/AnyMappingSource.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/collection/internal/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jdbc/spi/JdbcWrapper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/dialect/OracleDialect.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/AbstractStandardBasicType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/PessimisticLockException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/internal/SessionFactoryObserverForBytecodeEnhancer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/build/internal/returns/CollectionReturnImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/tool/schema/internal/GroupedSchemaMigratorImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/event/spi/ReplicateEvent.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/NamedSQLQueryDefinitionBuilder.java
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*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/procedure/ProcedureOutputs.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/result/UpdateCountOutput.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/internal/MetadataBuildingContextRootImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/ManagedType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/MetadataSourceType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/proxy/AbstractSerializableProxy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/query/internal/QueryBuildingParametersImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/spi/TypeConfiguration.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/query/criteria/internal/expression/ConcatExpression.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/JPAIndexHolder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/transaction/backend/jdbc/internal/JdbcResourceLocalTransactionCoordinatorBuilderImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/jndi/JndiException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/loader/plan/exec/internal/AbstractCollectionLoadQueryDetails.java

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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/orm_3_0.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/persistence_3_0.xsd
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Found in path(s):
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/internal/util/collections/ConcurrentReferenceHashMap.java
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```
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*/
/**
  * Subclass used to simply instantiation of singular attributes representing an entity's
  * version.
  */
```

Found in path(s):
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/SingularAttributeImpl.java
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```
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*/
/**
* JTA platform implementation intended for use with WebSphere Application Server (WAS).
* <p/>
* WAS, unlike every other app server on the planet, does not allow direct access to the JTS TransactionManager.
* Instead, for common transaction-related tasks users must utilize a proprietary API known as
ExtendedJTATransaction.
* <p/>
* Even more unfortunate, the exact TransactionManagerLookup to use inside of WAS is highly dependent upon<ul>
*     <li>WAS version</li>
*     <li>the WAS container in which Hibernate will be utilized</li>
* </ul>
* <p/>
* This class is reported to work on WAS version 6 in any of the standard J2EE/Java EE component containers.
*
* @author Gavin
 King
* @author <a href="mailto:jesper@udby.com>Jesper Udby</a>
* @author Steve Ebersole
*/
```

Found in path(s):
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/transaction/jta/platform/internal/WebSphereExtendedJtaPlatform.java

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* Boston, MA 02110-1301 USA

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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/order-by.g
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/order-by-render.g
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*/
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* Expert Group and released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain
*
* Modified for https://jira.jboss.org/jira/browse/ISPN-299
* Includes ideas described in http://portal.acm.org/citation.cfm?id=1547428
*
*/
/**
* A hash table supporting full concurrency of retrievals and
* adjustable expected concurrency for updates. This class obeys the
* same functional specification as {@link java.util.Hashtable}, and
* includes versions of methods corresponding to each method of
* <tt>Hashtable</tt>. However, even though all operations are
* thread-safe, retrieval
 operations do not entail locking,
* and there is not any support for locking the entire table
* in a way that prevents all access. This class is fully
* interoperable with <tt>Hashtable</tt> in programs that rely on its
* thread safety but not on its synchronization details.
* <p/>
* <p> Retrieval operations (including <tt>get</tt>) generally do not

```
* block, so may overlap with update operations (including
* <tt>put</tt> and <tt>remove</tt>). Retrievals reflect the results
* of the most recently <em>completed</em> update operations holding
* upon their onset.  For aggregate operations such as <tt>putAll</tt>
* and <tt>clear</tt>, concurrent retrievals may reflect insertion or
* removal of only some entries.  Similarly, Iterators and
* Enumerations return elements reflecting the state of the hash table
* at some point at or since the creation of the iterator/enumeration.
* They do <em>not</em> throw {@link java.util.ConcurrentModificationException}.
*
 However, iterators are designed to be used by only one thread at a time.
* <p/>
* <p> The allowed concurrency among update operations is guided by
* the optional <tt>concurrencyLevel</tt> constructor argument
* (default <tt>16</tt>), which is used as a hint for internal sizing.  The
* table is internally partitioned to try to permit the indicated
* number of concurrent updates without contention. Because placement
* in hash tables is essentially random, the actual concurrency will
* vary.  Ideally, you should choose a value to accommodate as many
* threads as will ever concurrently modify the table. Using a
* significantly higher value than you need can waste space and time,
* and a significantly lower value can lead to thread contention. But
* overestimates and underestimates within an order of magnitude do
* not usually have much noticeable impact. A value of one is
* appropriate when it is known that only one thread will modify and
* all others will only read. Also, resizing
 this or any other kind of
* hash table is a relatively slow operation, so, when possible, it is
* a good idea to provide estimates of expected table sizes in
* constructors.
* <p/>
* <p>This class and its views and iterators implement all of the
* <em>optional</em> methods of the {@link Map} and {@link Iterator}
* interfaces.
* <p/>
* <p>This class is copied from Infinispan, and was originally written
* by Doug Lea with assistance from members of JCP JSR-166 Expert Group and
* released to the public domain, as explained at
* http://creativecommons.org/licenses/publicdomain</p>
* <p/>
* <p/>
* <p> Like {@link java.util.Hashtable} but unlike {@link HashMap}, this class
* does <em>not</em> allow <tt>null</tt> to be used as a key or value.
*
* @param <K> the type of keys maintained by this map
* @param <V> the type of mapped values
*
* @author Doug Lea
```

*/

Found in path(s):
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/BoundedConcurrentHashMap.java
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Found in path(s):
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/persistence_2_2.xsd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/orm_2_2.xsd
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*/
// "proprietary" methods is better (this class is "proprietary" too).

Found in path(s):
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/EntityGraphs.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hibernate-configuration-3.0.dtd
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hibernate-mapping-3.0.dtd
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/EntityTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/RegionFactoryTemplate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/parse/PathQualifierType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/internal/CollectionDataCachingConfigImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/BasicJavaDescriptor.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/CallbackRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/spi/AutoApplicableConverterDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/AbstractType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/SecondLevelCacheStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/spi/EntityDataCachingConfig.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/AbstractCollectionDataAccess.java
*
 /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/MappedSuperclassDomainType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/BasicTypeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/QueryResultsRegionTemplate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/EmbeddedDomainType.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/convert/internal/NamedEnumValueConverter.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/spi/ManagedBeanRegistry.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/RootGraphImpl.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/internal/CdiBasedBeanContainer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/spi/GraphHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/spi/CallbackType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/internal/EntityDataCachingConfigImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/QueryCache.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/spi/AbstractCdiBeanContainer.java
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/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/spi/JdbcRecommendedSqlTypeMappingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/CollectionReadWriteAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/build/AllowSysOut.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/CacheImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/convert/spi/EnumValueConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/SessionAssociableInterceptor.java
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/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/IdentifiableTypeDescriptor.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/GraphSemantic.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/QuerySpacesHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/CollectionDomainType.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/jaxb/mapping/spi/NamedQuery.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/spi/ProvidedInstanceManagedBeanImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/internal/DomainDataRegionConfigImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/spi/CollectionDataCachingConfig.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/CallbacksFactory.java
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*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/CacheTransactionSynchronization.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/spi/Callback.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/convert/spi/BasicValueConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/package-info.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/xsd/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/spi/FallbackContainedBean.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/GraphNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/AbstractIdentifiableType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/CollectionNonStrictReadWriteAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/SecondLevelCacheLogger.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/NaturalIdTransactionalAccess.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
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jar/org/hibernate/metamodel/model/domain/internal/MapAttributeImpl.java
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jar/org/hibernate/metamodel/model/domain/spi/MappedSuperclassTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/jpa/event/spi/CallbackRegistry.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/cache/cfg/spi/DomainDataRegionConfig.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/graph/spi/SubGraphImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/model/convert/internal/AttributeConverterManager.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/metamodel/model/domain/internal/MappedSuperclassTypeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/resource/beans/container/internal/CdiBeanContainerBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/graph/internal/AbstractGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/jaxb/mapping/spi/LifecycleCallbackContainer.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/resource/beans/internal/FallbackBeanInstanceProducer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/cache/spi/support/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/metamodel/model/domain/NavigableRole.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/metamodel/model/domain/internal/MapMember.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/hql/internal/ast/tree/CollectionSizeNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/model/convert/internal/AutoApplicableConverterDescriptorStandardImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/model/convert/spi/JpaAttributeConverterCreationContext.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-
jar/org/hibernate/boot/xsd/ConfigXsdSupport.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/cache/cfg/spi/DomainDataRegionBuildingContext.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/Graph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/internal/CdiBeanContainerDelayedAccessImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/NaturalIdCacheStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/AbstractCacheableDataStatistics.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/EntityDomainType.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/spi/DomainDataCachingConfig.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/EntityTransactionalAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ast/Clause.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/EffectiveEntityGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/DisabledCaching.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/DomainDataRegion.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/Region.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/CollectionTransactionAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/internal/ManagedBeanRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/UpdateTimestampsCache.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/NaturalIdNonStrictReadWriteAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/EmbeddedTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/internal/Helper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/StandardCacheTransactionSynchronization.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cfg/annotations/reflection/internal/PropertyMappingElementCollector.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/spi/GraphImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/internal/AggregatedServiceLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/internal/ClassBasedConverterDescriptor.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/RootGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/AbstractInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/CollectionReadOnlyAccess.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/DomainDataStorageAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/DeprecatedNaturalIdCacheStatisticsImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/AbstractCachedDomainDataAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/id/uuid/LocalObjectUuidHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/xsd/XsdDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/DomainType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/PersistentAttributeDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/TimestampsRegionTemplate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/access/NaturalIdDataAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/EnabledCaching.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/QueryResultsCacheImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/RegionNameQualifier.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/internal/AbstractConverterDescriptor.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/StandardStack.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/convert/internal/OrdinalEnumValueConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/BasicTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/EntityNonStrictReadWriteAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/AbstractNaturalIdDataAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/cache/spi/support/DomainDataRegionImpl.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/EnhancementAsProxyLazinessInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/NaturalIdReadWriteAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/SubGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/EmbeddableTypeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/internal/AutoApplicableConverterDescriptorBypassedImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/DirectAccessRegionTemplate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/AbstractDomainDataRegion.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/internal/CdiBeanContainerImmediateAccessImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/spi/ConverterAutoApplyHandler.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/PersistentAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/AbstractManagedType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/engine/spi/CacheImplementor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/EntityReadWriteAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/collections/Stack.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/SimpleTimestamper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/AbstractPluralAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/EntityReadOnlyAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/StorageAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/ListenerCallback.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/EntityCallback.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/AbstractRegion.java
*

/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/spi/ConverterDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/AttributeConverterInfo.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/AbstractGraphNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/stat/internal/StatsHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/type/descriptor/java/spi/RegistryHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/BagAttributeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/internal/JpaCompliantLifecycleStrategy.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/spi/AppliedGraph.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/ListAttributeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/AbstractAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/EntityTypeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/parse/GraphParser.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/internal/NotYetReadyException.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/spi/NaturalIdDataCachingConfig.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/convert/internal/StandardBasicValueConverter.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/internal/SubGraphImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/DomainDataRegionTemplate.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/MapPersistentAttribute.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/spi/ManagedBeanRegistryInitiator.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/SqlStringGenerationContext.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/DomainModelHelper.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/registry/classloading/internal/AggregatedClassLoader.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-

jar/org/hibernate/resource/beans/container/spi/ExtendedBeanManager.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/AttributeNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/access/UnknownAccessTypeException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/TimestampsCacheFactory.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/ExtendedStatisticsSupport.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/hql/internal/ast/tree/CollectionPathNode.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/BytecodeLazyAttributeInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/spi/ContainedBean.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/spi/CallbackBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/internal/BeansMessageLogger.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/TimestampsCacheDisabledImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/internal/InstanceBasedConverterDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/convert/internal/JpaAttributeConverterImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/access/CollectionDataAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/container/internal/ContainerManagedLifecycleStrategy.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/SingularPersistentAttribute.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/SetAttributeImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/internal/PluralAttributeBuilder.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/access/CachedDomainDataAccess.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/relational/internal/SqlStringGenerationContextImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/TimestampsRegion.java

* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/service/spi/OptionallyManageable.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/TimestampsCache.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/EmbeddableCallback.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/internal/TimestampsCacheEnabledImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/DirectAccessRegion.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/spi/CallbackDefinition.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/boot/model/convert/package-info.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/QueryResultsCache.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/QueryResultsRegion.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/PluralPersistentAttribute.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/spi/ManagedTypeDescriptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/cfg/internal/NaturalIdDataCachingConfigImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/ManagedDomainType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/resource/beans/spi/BeanInstanceProducer.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/BasicDomainType.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/cache/spi/support/AbstractReadWriteAccess.java
*
/hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/bytecode/enhance/spi/interceptor/AbstractLazyLoadInterceptor.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/graph/CannotBecomeEntityGraphException.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/internal/util/io/CharSequenceReader.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/jpa/event/internal/EmptyCallbackRegistryImpl.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/metamodel/model/domain/SimpleDomainType.java
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* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/GeneratedOrderByFragmentRendererTokenTypes.java
* /hibernate-core-5-6-9-final-sources-jar-zip/hibernate-core-5-6-9-final-sources-jar/org/hibernate/sql/ordering/antlr/GeneratedOrderByLexer.java
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xwd v1.0.7

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KHR/khrplatform.h Khronos

****

---
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* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/content/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/discriminatormapping/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/apiresponse/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/securityrequirement/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/extension/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/linkparameter/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/extensionproperty/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/exampleobject/Builder.java
*
/springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/parameter/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/servervariable/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/AbstractSpringdocRouteBuilder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/requestbody/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/link/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/header/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/arrayschema/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/server/Builder.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/builders/encoding/Builder.java
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* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SpringdocBeanFactoryConfigurer.java
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* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/api/mixins/SortedOpenAPIMixin.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/JavadocProvider.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SwaggerUiConfigParameters.java
*
 /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SpringDocPropertiesUtils.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/ui/AbstractSwaggerIndexTransformer.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/AdditionalModelsConverter.java
* /springdoc-openapi-common-1-5-12-sources-1-
jar/org/springdoc/core/converters/PropertyCustomizingConverter.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/api/annotations/ParameterObject.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/api/AbstractOpenApiResource.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/customizers/OperationCustomizer.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SecurityOAuth2Provider.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/ActuatorProvider.java
*
 /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/OpenAPIService.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/RouterOperation.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/api/mixins/SortedSchemaMixin.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SpringDocAnnotationsUtils.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SpringDocConfigProperties.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/MultipleOpenApiSupportCondition.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/ui/AbstractSwaggerWelcome.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/RequestBodyInfo.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/ControllerAdviceInfo.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/OperationService.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/FileSupportConverter.java
*
 /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/ResponseSupportConverter.java
* /springdoc-openapi-common-1-5-12-sources-1-
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jar/org/springdoc/core/converters/models/PageableAsQueryParam.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SecurityService.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SecuritySchemePair.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/ParameterInfo.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/AbstractRouterFunctionVisitor.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/ConverterUtils.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/PageableOpenAPIConverter.java
* /springdoc-openapi-common-1-5-12-sources-1-
jar/org/springdoc/core/converters/PolymorphicModelConverter.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/CacheOrGroupedOpenApiCondition.java
*
/springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/MethodAttributes.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/Constants.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/ModelConverterRegistrar.java
* /springdoc-openapi-common-1-5-12-sources-1-
jar/org/springdoc/core/converters/SchemaPropertyDeprecatingConverter.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/models/Pageable.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/fn/RouterFunctionData.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/annotations/RouterOperations.java
* /springdoc-openapi-common-1-5-12-sources-1-
jar/org/springdoc/core/converters/RequestTypeToIgnoreConverter.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/models/DefaultPageable.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/AbstractSwaggerUiConfigProperties.java
*
/springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/customizers/ParameterCustomizer.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/PropertyResolverUtils.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/MethodParameterPojoExtractor.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/MultipleOpenApiGroupsCondition.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SpringDocUtils.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/RequestBodyService.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/annotations/RouterOperation.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/converters/models/MonetaryAmount.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/customizers/PropertyCustomizer.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/customizers/OpenApiCustomiser.java
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/springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/ReturnTypeParser.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/GroupedOpenApi.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/DelegatingMethodParameter.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/GenericResponseService.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/AbstractRequestService.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/ui/SpringDocUIException.java
* /springdoc-openapi-common-1-5-12-sources-1-
jar/org/springdoc/core/customizers/OpenApiBuilderCustomizer.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SwaggerUiConfigProperties.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SpringDocConfiguration.java
* /springdoc-openapi-common-1-5-12-sources-1-jar/org/springdoc/core/SwaggerUiOAuthProperties.java
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1.425 springdoc-openapi-webmvc-core 1.5.12

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* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/core/ActuatorWebMvcProvider.java
*
 /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/core/RequestService.java
* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/api/MultipleOpenApiActuatorResource.java
* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/api/MultipleOpenApiWebMvcResource.java
* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/api/OpenApiActuatorResource.java
* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/core/RouterFunctionProvider.java
* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/api/MultipleOpenApiResource.java
* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/core/MultipleOpenApiSupportConfiguration.java
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* /springdoc-openapi-webmvc-core-1-5-12-sources-1-jar/org/springdoc/webmvc/api/OpenApiWebMvcResource.java

1.426 springdoc-openapi-ui 1.5.12

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*
/springdoc-openapi-ui-1-5-12-sources-1-jar/org/springdoc/webmvc/ui/SwaggerIndexTransformer.java
* /springdoc-openapi-ui-1-5-12-sources-1-jar/org/springdoc/webmvc/ui/SwaggerConfigResource.java
* /springdoc-openapi-ui-1-5-12-sources-1-jar/org/springdoc/webmvc/ui/SwaggerConfig.java
* /springdoc-openapi-ui-1-5-12-sources-1-jar/org/springdoc/webmvc/ui/SwaggerWebMvcConfigurer.java
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1.427 classgraph 4.8.116

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* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/utils/StringUtils.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/types/Parser.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ScanResult.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClassGraph.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ModuleRef.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/GraphvizDotfileGenerator.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/utils/VersionFinder.java
*
/classgraph-4-8-116-sources-1-jar/io/github/classgraph/AnnotationParameterValue.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/utils/CollectionUtils.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/ParameterizedTypeImpl.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/AnnotationInfo.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classloaderhandler/PlexusClassWorldsClassRealmClassLoaderHandler.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/JSONReference.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ObjectTypedValueWrapper.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClassInfoList.java
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* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClasspathElementZip.java
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* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClasspathElementModule.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classloaderhandler/FallbackClassLoaderHandler.java
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* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/FieldTypeInfo.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/utils/URLPathEncoder.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/BaseTypeSignature.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/MethodInfo.java
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* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/TypeParameter.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/JSONSerializer.java
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* /classgraph-4-8-116-sources-1-
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* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classpath/SystemJarFinder.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/scanspec/ScanSpec.java
* /classgraph-4-8-116-sources-1-
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* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/JSONParser.java
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* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/MethodTypeSignature.java
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* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classpath/ModuleFinder.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ModuleInfoList.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/MethodParameterInfo.java
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/classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/concurrency/WorkQueue.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classpath/ClasspathOrder.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClassRefTypeSignature.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ArrayTypeSignature.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ModuleInfo.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/utils/FastPathResolver.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/AnnotationParameterValueList.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classpath/ClasspathFinder.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/JSONUtils.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ReferenceTypeSignature.java
* /classgraph-4-8-116-sources-1-
jar/nonapi/io/github/classgraph/classloaderhandler/TomcatWebappClassLoaderBaseHandler.java
*
/classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/types/TypeUtils.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classloaderhandler/JPMSClassLoaderHandler.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/FastZipEntry.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/utils/JarUtils.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/PotentiallyUnmodifiableList.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClasspathElementFileDir.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/ClassFields.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClasspathElementPathDir.java

* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/Scanner.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/MethodInfoList.java
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jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxContextFinderClassLoaderHandler.java
*
 /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/types/ParseException.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/AnnotationEnumValue.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/Id.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/PackageInfo.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/AnnotationClassRef.java
* /classgraph-4-8-116-sources-1-
jar/nonapi/io/github/classgraph/classloaderhandler/EquinoxClassLoaderHandler.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/PhysicalZipFile.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/TypeVariableSignature.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/Resource.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClassRefOrTypeVariableSignature.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ModulePathInfo.java
*
 /classgraph-4-8-116-sources-1-jar/io/github/classgraph/HasName.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClasspathElement.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/concurrency/SingletonMap.java
* /classgraph-4-8-116-sources-1-
jar/nonapi/io/github/classgraph/classloaderhandler/UnoOneJarClassLoaderHandler.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/scanspec/AcceptReject.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClassGraphClassLoader.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/HierarchicalTypeSignature.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/concurrency/InterruptionChecker.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/ReferenceEqualityKey.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/InfoList.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/FieldInfoList.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/recycler/Resettable.java
*
 /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/utils/LogNode.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/TypeSignature.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClassInfo.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/TypeArgument.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classpath/ClassLoaderOrder.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ModuleReaderProxy.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classpath/ClassLoaderFinder.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/MappableInfoList.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/recycler/Recycler.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/AnnotationInfoList.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/FieldInfo.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fastzipfilereader/LogicalZipFile.java
*
 /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/json/JSONObject.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/classloaderhandler/URLClassLoaderHandler.java
* /classgraph-4-8-116-sources-1-jar/io/github/classgraph/ClassTypeSignature.java

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* /classgraph-4-8-116-sources-1-
jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessFileChannelReader.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fileslice/Slice.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/ClassfileReader.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fileslice/PathSlice.java
* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessArrayReader.java

* /classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/SequentialReader.java
*
/classgraph-4-8-116-sources-1-jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessReader.java
* /classgraph-4-8-116-sources-1-
jar/nonapi/io/github/classgraph/fileslice/reader/RandomAccessByteBufferReader.java
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1.431 tzdata 2023c-r0

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1.432 protoc 3.11.4

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1.433 servlet-api 4.0.0

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* /servlet-api-4-0-0-sources-6-jar/org/xipki/http/servlet/ServletURIPool.java
* /servlet-api-4-0-0-sources-6-jar/org/xipki/http/servlet/HttpServlet.java
*

/servlet-api-4-0-0-sources-6-jar/org/xipki/http/servlet/AbstractHttpServlet.java
* /servlet-api-4-0-0-sources-6-jar/org/xipki/http/servlet/TlsHelper.java
* /servlet-api-4-0-0-sources-6-jar/org/xipki/http/servlet/SimpleLruCache.java
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1.434 slf4j-impl 2.17.2

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1.435 py3-packaging 21.3-r0

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1.436 py3-six 1.16.0-r1

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xwd v1.0.7

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Ext headers GL/glext.h Khronos
GL/glxext.h Khronos
GL/wglext.h Khronos
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****

---
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* /protobuf-java-3-11-4-sources-1-jar/com/google/protobuf/ProtoSyntax.java
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* /protobuf-java-3-11-4-sources-1-jar/com/google/protobuf/StructuralMessageInfo.java
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* /protobuf-java-3-11-4-sources-1-jar/com/google/protobuf/MapEntryLite.java
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* /protobuf-java-3-11-4-sources-1-jar/com/google/protobuf/OneofInfo.java
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* /protobuf-java-3-11-4-sources-1-jar/com/google/protobuf/UnknownFieldSchema.java
* /protobuf-java-3-11-4-sources-1-jar/google/protobuf/descriptor.proto

1.441 libpng 1.6.37

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1.442 jetty 9.4.48.v20220622

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

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

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

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

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Schemas for Java EE Deployment Descriptors:
- javaee_5.xsd
- javaee_web_services_1_2.xsd
- javaee_web_services_client_1_2.xsd
- javaee_6.xsd
- javaee_web_services_1_3.xsd
- javaee_web_services_client_1_3.xsd
- jsp_2_2.xsd
- web-app_3_0.xsd
- web-common_3_0.xsd
- web-fragment_3_0.xsd
- javaee_7.xsd
- javaee_web_services_1_4.xsd
- javaee_web_services_client_1_4.xsd
- jsp_2_3.xsd
- web-app_3_1.xsd
- web-common_3_1.xsd
- web-fragment_3_1.xsd
- javaee_8.xsd
- web-app_4_0.xsd
- web-common_4_0.xsd
- web-fragment_4_0.xsd

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

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

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities
(CA). These were automatically extracted from Mozilla's root certificates
file (certdata.txt). This file can be found in the mozilla source tree:
http://mxr.mozilla.org/mozilla/source/security/nss/lib/ckfw/builtins/certdata.txt?raw=1#
It contains the certificates in PEM format and therefore
can be directly used with curl / libcurl / php_curl, or with
an Apache+mod_ssl webserver for SSL client authentication.
Just configure this file as the SSLCACertificateFile.#

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@(#) $RCSfile: certdata.txt,v $
 $Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
 of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

   Release   Derived   Year   Owner   GPL-

	from			compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible,
because its license has a choice
of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
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Thanks to the many outside volunteers who have worked under Guido's
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as a successor of a language called ABC. Guido remains Python's

principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes

2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
3.1.1	3.1	2009	PSF	yes
3.1.2	3.1	2010	PSF	yes
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History

Before (and including) argparse 1.1, the argparse package was licensed under
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After argparse 1.1, all project files from the argparse project were deleted
due to license compatibility issues between Apache License 2.0 and GNU GPL v2.

The project repository then had a clean start with some files taken from
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year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
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2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1		2001-now	PSF	yes

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1.449 python-pip 22.1.1

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

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

Certificate data from Mozilla as of: Thu Nov 3 19:04:19 2011#
This is a bundle of X.509 certificates of public Certificate Authorities

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

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@(#) $RCSfile: certdata.txt,v $
$Revision: 1.80 $ $Date: 2011/11/03 15:11:58 $
A. HISTORY OF THE SOFTWARE
==========

Python was created in the early 1990s by Guido van Rossum at Stichting
Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Netherlands
as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for
National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
year, the PythonLabs team moved to Digital Creations (now Zope
Corporation, see http://www.zope.com). In 2001, the Python Software
Foundation (PSF, see http://www.python.org/psf/) was formed, a
non-profit organization created specifically to own Python-related
Intellectual Property. Zope Corporation is a sponsoring member
of
the PSF.

All Python releases are Open Source (see http://www.opensource.org for
the Open Source Definition). Historically, most, but not all, Python
releases have also been GPL-compatible; the table below summarizes
the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes

1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3				
2.1.2	2002	PSF	yes	
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
2.7	2.6	2010	PSF	yes

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(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice

of law clause. According to
CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1
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Thanks to the many outside volunteers who have worked under Guido's
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A. HISTORY OF THE SOFTWARE
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Python was created in the early 1990s by Guido van Rossum at Stichting
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as a successor of a language called ABC. Guido remains Python's
principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see http://www.cnri.reston.va.us) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see http://www.zope.com). In 2001, the Python Software Foundation (PSF, see http://www.python.org/psf/) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

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0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes

2.4.4	2.4.3	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.5.1	2.5	2007	PSF	yes
2.5.2	2.5.1	2008	PSF	yes
2.5.3	2.5.2	2008	PSF	yes
2.6	2.5	2008	PSF	yes
2.6.1	2.6	2008	PSF	yes
2.6.2	2.6.1	2009	PSF	yes
2.6.3	2.6.2	2009	PSF	yes
2.6.4	2.6.3	2009	PSF	yes
2.6.5	2.6.4	2010	PSF	yes
3.0	2.6	2008	PSF	yes
3.0.1	3.0	2009	PSF	yes
3.1	3.0.1	2009	PSF	yes
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3.1.2	3.1	2010	PSF	yes
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Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

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Before (and including) argparse 1.1, the argparse package was licensed under
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The project repository then had a clean start with some files taken from
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A. HISTORY OF THE SOFTWARE
==========================

Python was created in the early 1990s by Guido van Rossum at Stichting
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National Research Initiatives (CNRI, see http://www.cnri.reston.va.us)
in Reston, Virginia where he released several versions of the
software.

In May 2000, Guido and the Python core development team moved to
BeOpen.com to form the BeOpen PythonLabs team. In October of the same
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2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2 and above				
2.1.1		2001-now	PSF	yes

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The Unicode Standard, Unicode Character Database, Version 10.0.0

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Ext headers   GL/glext.h   Khronos
                  GL/glxext.h   Khronos
                  GL/wglext.h   Khronos
```
```

KHR/khrplatform.h Khronos

****

---
include/GL/gl.h :

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graphics library

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include/GL/wglxext.h :

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 *
 * taken from Mark Leisher's xmbdfed package
 *
 */

##

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IAIK (Institute for Applied Information Processing and Communication) PKCS#11 wrapper files v1

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---
include/GL/gl.h :

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1.463 activation-api 1.2.2

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Notices for Jakarta Activation

This content is produced and maintained by Jakarta Activation project.

* Project home: https://projects.eclipse.org/projects/ee4j.jaf

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Source Code

The project maintains the following source code repositories:

* https://github.com/eclipse-ee4j/jaf

Third-party Content

This project leverages the following third party content.

JUnit (4.12)

* License: Eclipse Public License

1.464 jsr305 3.0.2

1.464.1 Available under license :

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

```
<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/maven-v4_0_0.xsd">
 <modelVersion>4.0.0</modelVersion>
 <parent>
  <groupId>org.sonatype.oss</groupId>
  <artifactId>oss-parent</artifactId>
  <version>7</version>
  <relativePath />
 </parent>

 <groupId>com.google.code.findbugs</groupId>
 <artifactId>jsr305</artifactId>
 <version>3.0.2</version>
 <packaging>jar</packaging>

 <url>http://findbugs.sourceforge.net/</url>
 <name>FindBugs-jsr305</name>
 <description>JSR305 Annotations for Findbugs</description>
 <licenses>
  <license>
    <name>The Apache Software License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
 </licenses>

 <prerequisites>
  <maven>3.0</maven>
 </prerequisites>

  <scm>
  <connection>scm:git:https://code.google.com/p/jsr-305/</connection>
  <developerConnection>scm:git:https://code.google.com/p/jsr-305/</developerConnection>
  <url>https://code.google.com/p/jsr-305/</url>
 </scm>

 <build>
```

```
<plugins>
 <plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-javadoc-plugin</artifactId>
  <version>2.9.1</version>
  <executions>
   <execution>
    <phase>package</phase>
    <goals>
     <goal>jar</goal>
    </goals>
    <configuration>
     <quiet>true</quiet>
    </configuration>
   </execution>
  </executions>
 </plugin>
 <plugin>
  <groupId>org.apache.maven.plugins</groupId>
  <artifactId>maven-compiler-plugin</artifactId>
  <version>3.0</version>
  <configuration>
   <source>1.5</source>
   <target>1.5</target>
  </configuration>
 </plugin>
 <plugin>
  <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-source-plugin</artifactId>
 <version>2.4</version>
 <executions>
  <execution>
   <id>attach-sources</id>
   <goals>
    <goal>jar-no-fork</goal>
   </goals>
  </execution>
 </executions>
 </plugin>
 <plugin>
 <groupId>org.apache.felix</groupId>
 <artifactId>maven-bundle-plugin</artifactId>
 <version>2.4.0</version>
 <extensions>true</extensions>
 <executions>
  <execution>
   <id>bundle-manifest</id>
   <phase>process-classes</phase>
```

```
  <goals>
   <goal>manifest</goal>
  </goals>
 </execution>
</executions>
<configuration>
 <instructions>
  <Bundle-SymbolicName>org.jsr-305</Bundle-SymbolicName>
  <Bundle-Name>${project.name}</Bundle-Name>
  <Export-Package>javax.annotation;javax.annotation.concurrent;javax.annotation.meta</Export-Package>
  </instructions>
</configuration>
</plugin>
<plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-jar-plugin</artifactId>
 <version>2.4</version>
 <configuration>
  <archive>
   <manifestFile>${project.build.outputDirectory}/META-INF/MANIFEST.MF</manifestFile>
  </archive>
 </configuration>
</plugin>
<plugin>
 <groupId>org.sonatype.plugins</groupId>
 <artifactId>nexus-staging-maven-plugin</artifactId>
 <version>1.6.3</version>
 <extensions>true</extensions>
 <configuration>
  <serverId>ossrh</serverId>
  <nexusUrl>https://oss.sonatype.org/</nexusUrl>
  <autoReleaseAfterClose>true</autoReleaseAfterClose>
 </configuration>
</plugin>
<plugin>
 <groupId>org.apache.maven.plugins</groupId>
 <artifactId>maven-gpg-plugin</artifactId>
 <version>1.5</version>
 <executions>
  <execution>
   <id>sign-artifacts</id>
   <phase>verify</phase>
   <goals>
    <goal>sign</goal>
   </goals>
  </execution>
 </executions>
</plugin>
```

```
  </plugins>
 </build>
</project>
```

Found in path(s):
* /jsr305-3-0-2-14-jar/META-INF/maven/com.google.code.findbugs/jsr305/pom.xml
No license file was found, but licenses were detected in source scan.

```
Manifest-Version: 1.0
Bundle-Description: JSR305 Annotations for Findbugs
Bundle-License: http://www.apache.org/licenses/LICENSE-2.0.txt
Bundle-SymbolicName: org.jsr-305
Archiver-Version: Plexus Archiver
Built-By: lan
Bnd-LastModified: 1490936130302
Bundle-ManifestVersion: 2
Tool: Bnd-2.1.0.20130426-122213
Export-Package: javax.annotation;uses:="javax.annotation.meta";version
="3.0.2",javax.annotation.concurrent;version="3.0.2",javax.annotation
.meta;uses:="javax.annotation";version="3.0.2"
Bundle-Name: FindBugs-jsr305
Bundle-Version: 3.0.2
Created-By: Apache Maven Bundle Plugin
Build-Jdk: 1.8.0_101
```

Found in path(s):
* /jsr305-3-0-2-14-jar/META-INF/MANIFEST.MF

1.465 activation 1.2.2

1.465.1 Available under license :

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